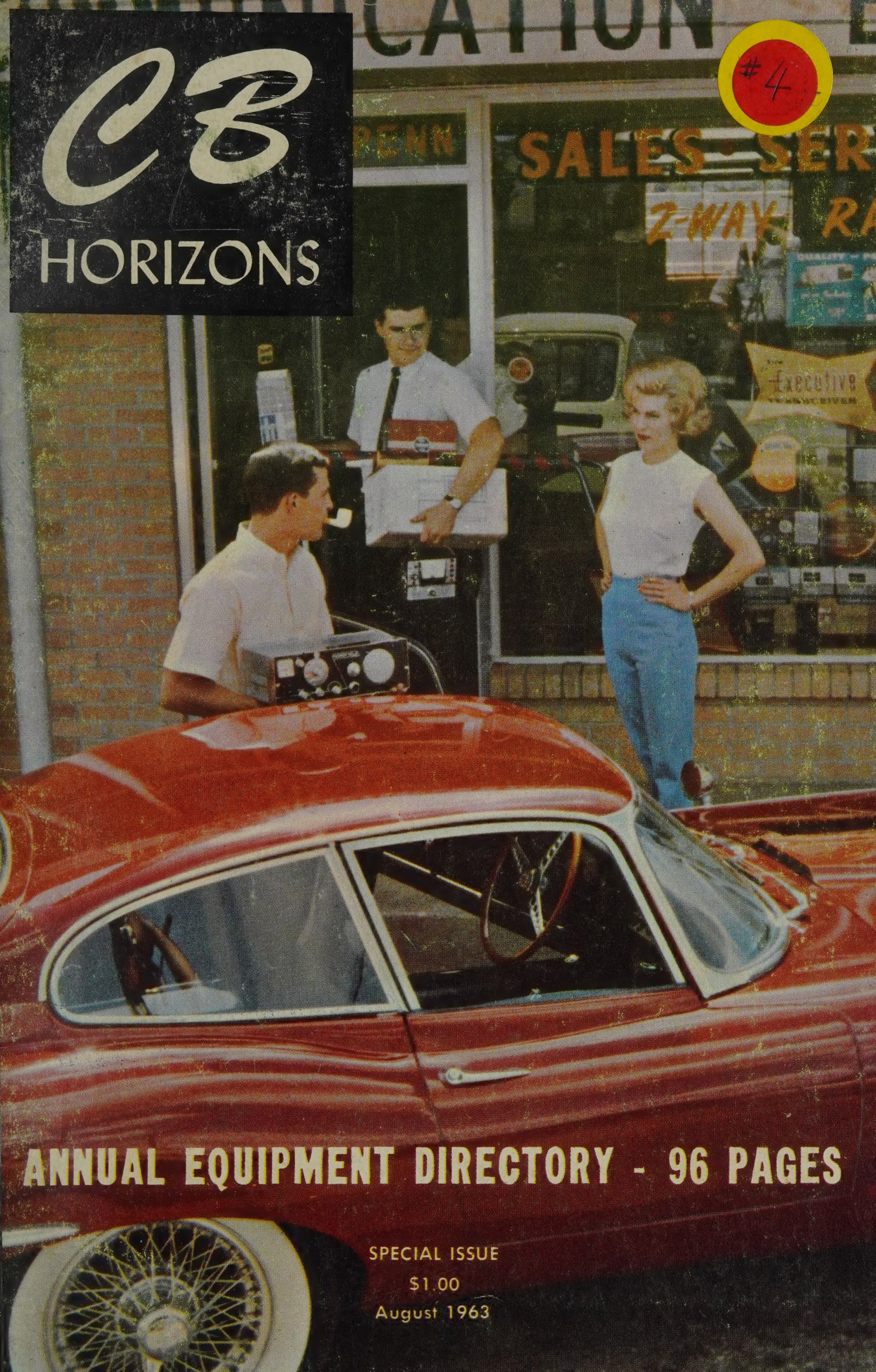
CB HORIZONS

#4



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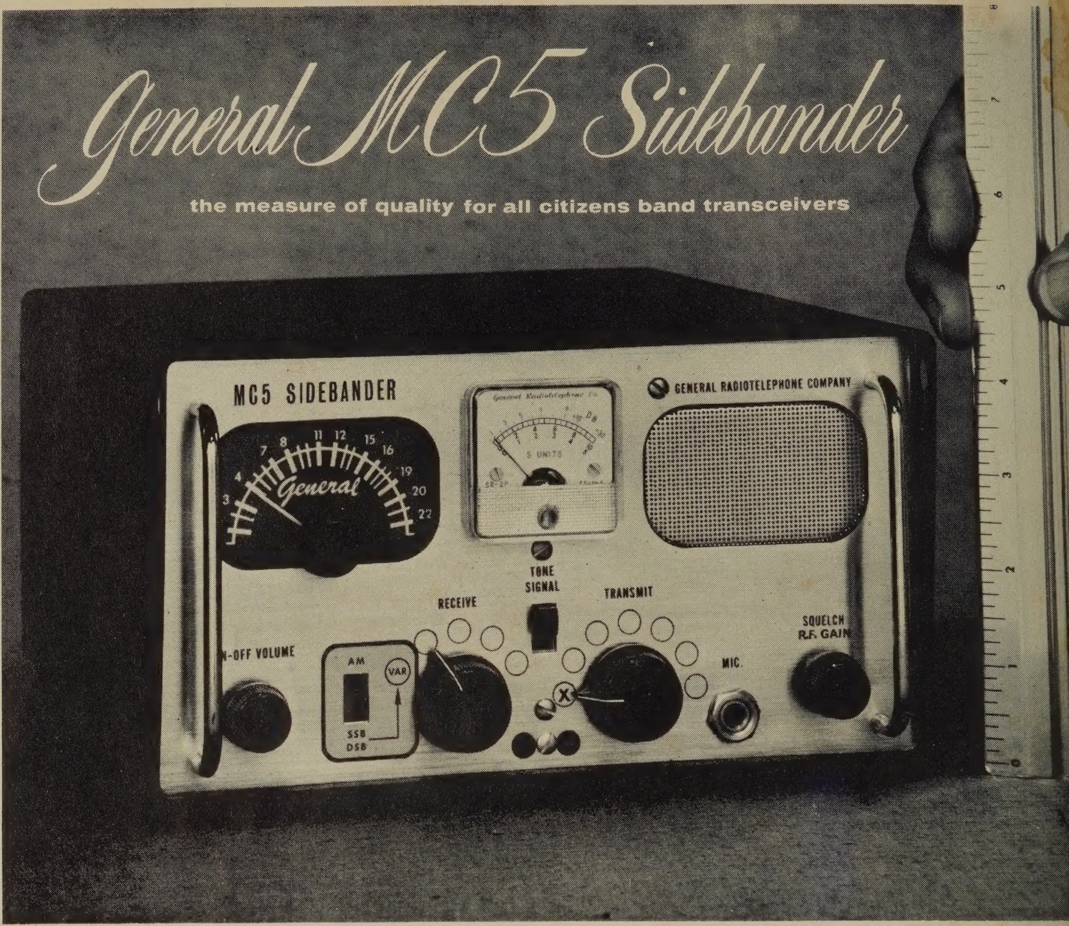
ANNUAL EQUIPMENT DIRECTORY - 96 PAGES

SPECIAL ISSUE
$1.00
August 1963


General MC5 Sidebander
the measure of quality for all citizens band transceivers
MC5 SIDEBANDER
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GENERAL RADIOTELEPHONE COMPANY
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TONE SIGNAL
RECEIVE
TRANSMIT
SQUELCH R.F. GAIN
-OFF VOLUME
AM
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SSB
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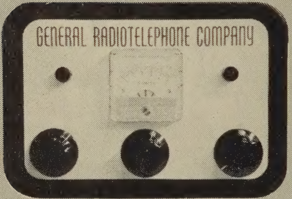
The World's most advanced 11 Meter two-way radio

FREE—
Write for schematic
and complete
technical manual

3.25 watts minimum output. • Sideband receiver adapter* for single and double sideband reception. • New Zener Diode shunt noise-clamp and series gated limiter circuit for highest noise limiting ever achieved. • New ultra-low drift oscillators for unsurpassed stability. • New. Hi-Level Tone-Signal. • Illuminated "S" Meter. • 6V, 12V, 115V operation. • 15 watt construction. • Net Price including microphone and crystal . . . $199.95. • *Sideband receiver adapter optional $19.95 + inst. Optional accessories available. 6 Volt or 12 Volt cord, each $4.95. Crystal T or R, each $2.95. 90 day warranty. F.O.B. Burbank, California.

Under present rules part 19.32 the FCC does not provide for more than (5) watt input in the Citizens Radio Service (26.965-27.225 MC Band)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General's SIDEBAND TRANSMITTER — Available Soon

A new concept in C.B. Communications. A Sideband Transmission Adapter and AM Linear Amplifier **all in one package**...and best of all **True Electronic Switching**—Just plug it into the antenna. This unit may also be used on the 10 meter band at 50 Watts P.E.P. Sideband and 25 Watts P.E.P. AM with only 3 watts of drive.

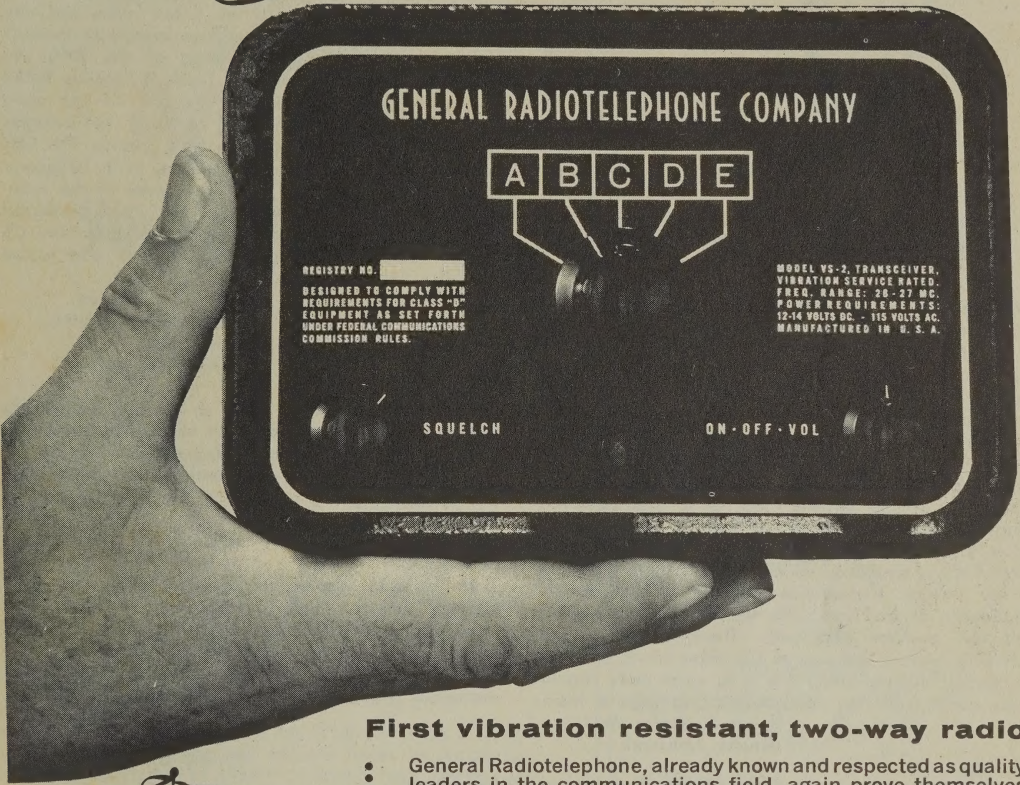
This Dual Function...Sideband and AM Linear Amplifier for 10 and 11 meters is only $99.95 Net. F.O.B. Burbank, California.

GENERAL RADIOTELEPHONE COMPANY

3501 West Burbank Boulevard, Burbank, California

Announcing......The rugged

General VS2


GENERAL RADIOTELEPHONE COMPANY
A
B
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D
E
REGISTRY NO.
DESIGNED TO COMPLY WITH REQUIREMENTS FOR CLASS "D" EQUIPMENT AS SET FORTH UNDER FEDERAL COMMUNICATIONS COMMISSION RULES.
MODEL VS-2, TRANSCEIVER, VIBRATION SERVICE RATED. FREQ. RANGE: 26-27 MC. POWER REQUIREMENTS: 12-14 VOLTS DC. - 115 VOLTS AC. MANUFACTURED IN U. S. A.
SQUELCH
ON · OFF · VOL

First vibration resistant, two-way radio.

General Radiotelephone, already known and respected as quality leaders in the communications field, again prove themselves "years ahead in craftsmanship" in bringing you this compact two-way radio unit which has proven itself sturdy enough for outdoor use on all types of industrial and agricultural vehicles.

VS 2 offers these special features at **no** extra cost:

1. Transistorized power with automatic short circuit protection.
2. Electronic switching—eliminates relay problems.
3. Microphone with coil cord and moisture proof cartridge.
4. Triple plated chassis—Copper, Cadmium and Gold Iridite.
5. Rugged black Vinyl cabinet finish.
6. Etched aluminum panel.
7. Designed especially for rough and tough service operation.

Net price including microphone, crystals for one channel and 115 volt power cord...only $139.95.

General's VS 2, because of its **Vibration Rated Service,** will meet every outdoor requirement and can be used with utmost confidence on jeeps, tractors, fork lifts or on any type equipment needing rugged dependability.

WIN!
FREE CB EQUIPMENT EVERY MONTH!
See insert card in back of this issue

JUNE WINNER OF
GENERAL'S DRAWING
H. RICHARDS, KGC0290
GOLDEN, COLORADO

GENERAL RADIOTELEPHONE COMPANY

3501 West Burbank Boulevard, Burbank, California

OZZIE'S MAIL-BOX

Dear Sir—

Since the FCC has just recently completed an 'investigation' into broadcasting in Omaha, I thought it might be appropriate to comment on the FCC's Part 19 proposal and regulations. Both are examples of infringement of the rights of individuals in private enterprise by a paternalistic and bureaucratic type of government. The Nebraska State Legislature unanimously condemned the FCC's investigation of television broadcasting in Omaha. This was also seconded by the governor. Since Nebraska is one of the most conservative states, the reaction was expected and I am happy that I am a citizen of the state that is at least making its feelings known. I am not so sure, however, how effective our objections to Part 19 proposals will be in influencing a bureau such as the FCC since the jobs of those employed do not depend upon the votes of the citizens. The salaries and ranks of civil service employees depend upon the size of the departments and the number employed. Therefore they must justify increasing the size of the department, and one method of accomplishing this is to write more regulations and request the appropriations to enforce them.

Ralph C. Moore, M.D.
Omaha, Nebraska

Dear Ozzie—

Many thanks for your splendid articles. I thought you might be interested in a copy of one of several letters being sent to the FCC in support of the petition asking for a Hobby Radio Service, as filed by International Crystal Company.

Bill's CB Supply, KFF0622
Reedsport, Oregon

Ozzie—

If such a petition as proposed by Mr. Roydan Freeland of International Crystal is passed, I think his name should go down with Lincoln's as freeing the slaves! Such a license would be a priceless asset to the Citizens of the United States. Surely, in this day of ever increasing federal government power, such a small request cannot be asking too much from Uncle Sam?

Robert Kinley, 12Q1533
Watsonville, California

Bob:

If it were Uncle Sam we were asking, there might be a chance. As things now stand we apparently have to deal with his emissary in sheep's clothing, John Wilkes Booth!

Ozzie

Dear Ozzie—

I was quite surprised to receive your magazine a few days ago, as I had not requested it. Then I saw the word 'Sample' on the cover and figured I got it because I am a new CB'er. I want to thank you, ask that you enter my subscription, and commend you for your stand in the Part 19 fight. I'm with you 100 percent!

James W. Mowrey,
KFA0986
Santa Ana, California

Sir—

Everything in your magazine makes me sick—even the advertisements. As far as I can make out you have not extended yourselves one paragraph towards solving or aiding the elimination of the 90% undesirables using the valuable Class D Citizens Radio Service. When I subscribed I thought I'd get some worthwhile advice and national comment, not eulogies for some lawbreaking quack in New Mexico. The CRS is a tool to expedite communications, in its broadcast sense, and is not a toy. I am not aware of the existance of any 'telephone-clubs.' By what perverted values do CRS operators believe they should have CB clubs? Your arrogant ignorance renders you worse than ridiculous.

James C. Acheson
806 Morris Turnpike,
Apt. 3H
Short Hills, N.J.

Jim:

Apparently you don't have a CB call, so we are forced to assume that you have an outside interest in CB, or are a 'bootlegger.' I suggest you get out of Apt. 3H a little more and investigate the many-many worthy events going on daily in the CRS, before you commence 'firing' again.

Ozzie

Dear Ozzie—

We certainly appreciate your publishing our combination amateur and CB QSL card in your May issue. The cards and letters I have received since this appeared in print, as well as the local comments from CB'ers and amateurs, indicates to me that you have a marvelous group of people reading your CB Horizons.

A. B. Wells, W5COH/
8W1387
Tunica, Louisiana

Dear Ozzie—

Did you see page 219 of the December 1962 Popular Mechanics? It shows a hoop-shaped car-top antenna being tested by the Ventura Division of Northrop Corporation. Can you give us a report on this?

Robert M. Jones, KFD0510
Clearlake Highs, Calif.

Bob:

Report coming up soon. We've been working with Northrop-Ventura since late last fall giving the DDR (Slot Ring) antenna the once, twice, thrice over. We should have their OK to report on it in print any week now.

Ozzie

Dear Ozzie—

I'm trying to collect a complete set of CB Horizons, from the very first issue. Can you supply me with any back issues? How much are they? I'm waiting on my CB license now, and have been buying your magazine on the newsstand for some time. I have a Civil Air Patrol radio station, and I'm also trying to get my

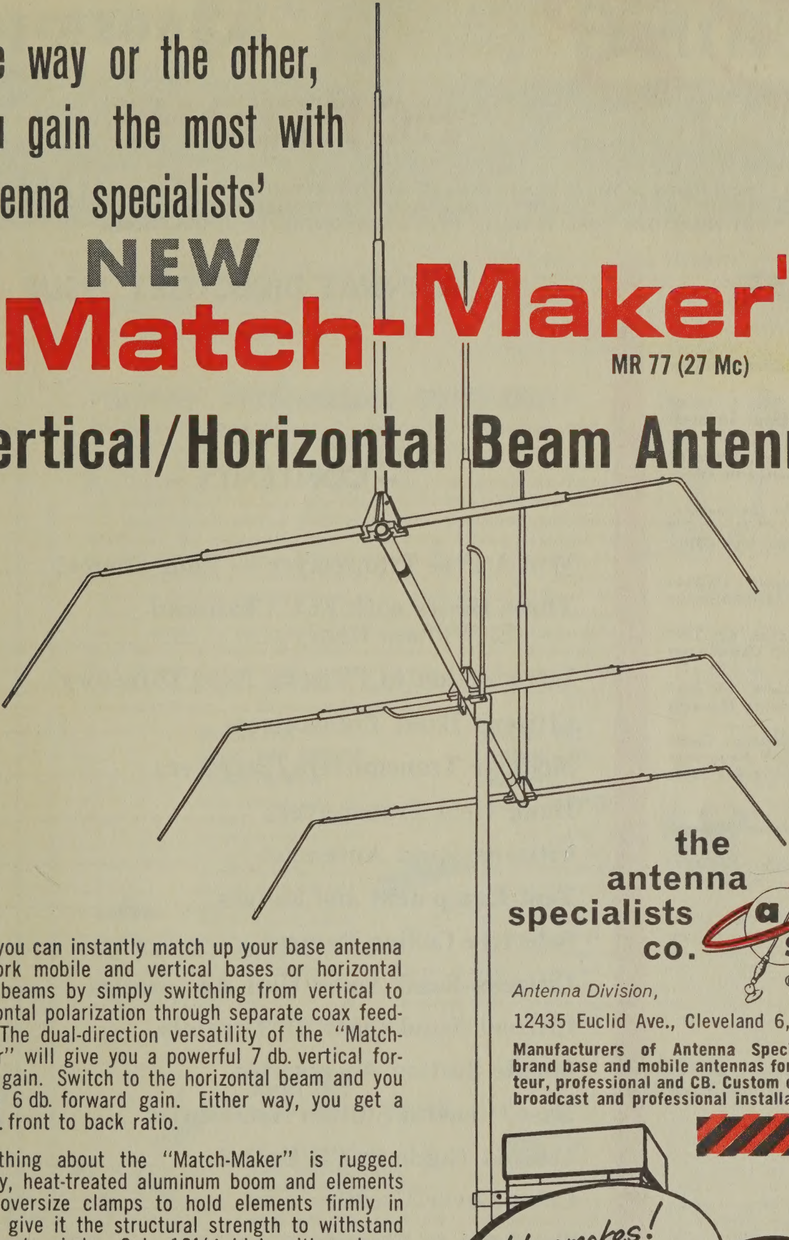
CONTINUED — page 16

one way or the other,
you gain the most with
antenna specialists'

NEW "Match-Maker"

MR 77 (27 Mc)

Vertical/Horizontal Beam Antenna



Now you can instantly match up your base antenna to work mobile and vertical bases or horizontal base beams by simply switching from vertical to horizontal polarization through separate coax feeders. The dual-direction versatility of the "Match-Maker" will give you a powerful 7 db. vertical forward gain. Switch to the horizontal beam and you get a 6 db. forward gain. Either way, you get a 15 db. front to back ratio.

Everything about the "Match-Maker" is rugged. Sturdy, heat-treated aluminum boom and elements plus oversize clamps to hold elements firmly in place give it the structural strength to withstand 100 mph winds. Only 12½' high with a boom length of 10', it weighs an easy-to-handle 24 lbs. If you're interested in VSWR, it's 1.5:1 or less, either horizontally or vertically. 50 ohms, gamma matched. All components are color-coded for simple, fast, accurate assembly.

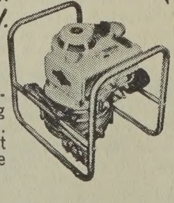
the antenna specialists co. ®

Antenna Division,
12435 Euclid Ave., Cleveland 6, Ohio

Manufacturers of Antenna Specialists brand base and mobile antennas for amateur, professional and CB. Custom design broadcast and professional installations.

®

Holy smokes! we almost forgot the ZEUS!



The portable power generator with only one moving part. Alternator principle. 1000, 1250, 3000 watt models. Write for complete information.

CB HORIZONS

AUGUST 1963

VOLUME 3 • NUMBER 8

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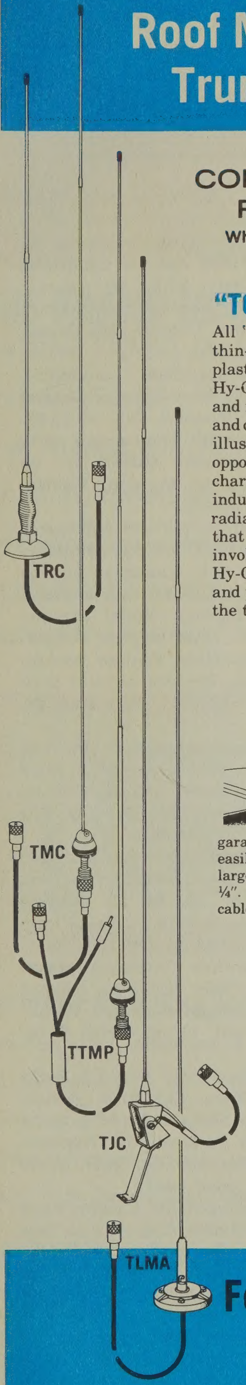
hy-gain C B "TOPPERS" EVERYWHERE

Roof Mounts, Cowl Mounts, Fender Mounts Trunk Mounts... *Just pick your spot!*



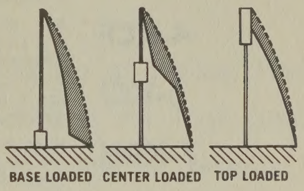
COMPLETELY PACKAGED READY TO INSTALL

Whip – Mount – Connectors & Cable

Yes, with Hy-Gain "Toppers" you just pick the spot where you want to mount your CB mobile antenna and you'll find there's a "Topper" scientifically designed to give you unequalled performance from that location.

"TOPPER" PERFORMANCE SUPERIORITY

All "Toppers" feature exclusive Hy-Gain top loaded design... with a thin-line loading coil permanently encapsulated in polyethylene plastic at the top of the antenna for optimal radiation efficiency. Hy-Gain's slim, sleek "Toppers" offer several outstanding performance and mechanical advantages over what you get with bulky base loaded and center loaded antennas. Performance-wise, the chart (right) clearly illustrates the superiority of Hy-Gain's top loading principle as opposed to base loading and center loading. The shaded areas in the chart represent the relative loss of energy involved as a result of inductive loading and shortening of an antenna. Since 78% of the radiation is from the lower ⅛-wave length of the antenna, you can see that Hy-Gain's top loading provides the least amount of compromise involved in loading a shortened antenna. Another advantage of Hy-Gain's top loading is that it raises the base impedance to 50 ohms and provides an optimum transfer of energy between the antenna and the transmission line for maximum efficiency.

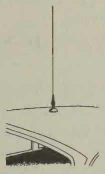


Solid Line: Short Antenna Current Distribution

Dotted Line: Full Size Antenna Current Distribution

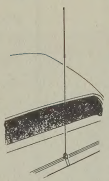
Shaded Area: Relative Loss of Radiation Efficiency

Model TRC ROOF TOP MOUNT OMNI-TOPPER



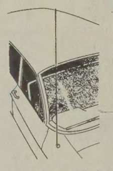
Mounts on roof of vehicle where omni-directional radiation is uninhibited by surrounding metal. Only 29″ in overall height including heavy stainless steel spring for low garaging. Unique base mount installs easily from exterior surface of vehicle—largest hole required for mounting is ¼″. Comes complete with 16 ft. coax cable and PL-259 connector at only **$14.95** CB Net

Model TJC TRUNK LIP MOUNT JIFFY TOPPER



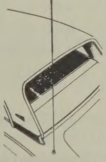
50″ top loaded whip that mounts high on the vehicle and installs without drilling holes in exterior surfaces. Made of high grade, high-flex 290M PSI stainless steel with Topper capsule. Comes complete with mount, PL-259 connector and 16′ of coax cable—ready to install at **$13.95** CB Net

Model TTMP DUO-TOPPER



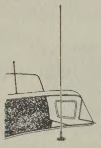
A highly efficient antenna for use on both CB and AM—replaces your existing broadcast whip. Extended height is 50″—telescopes down to 28″. Unique coupler originated by Hy-Gain assures outstanding performance on both CB and AM. Comes complete, ready to install with coupler, radio plug, PL-259 connector and all necessary coax cable required for installation at only...................... **$14.95** CB Net

Model TMC ALL-PURPOSE TOPPER



50″ top loaded whip of high grade, high-flex 290M PSI stainless steel with Topper capsule. Has chrome plated single-hold body mount that can be installed any place on the vehicle. Comes complete with 16′ of coax cable and PL-259 connector. Ready to install at.............. **$12.95** CB Net

Model TLMA MARINE ANTENNA



A 54″ stainless steel whip that installs on any kind of boat... metal, wood or fiberglas. Top loaded design allows antenna to operate independent of ground while developing 1.5db of gain. Mechanical features include "flick-of-the-wrist" quick disconnect fitting for antenna removal—special mount designed to distribute strain over a large area and prevent fatigue or damage to non-metallic boat deck—rust and corrosion resistant materials throughout. Supplied complete with mount, 12′ of coax cable and PL-259 connector. Ready to install at **$19.95** CB Net

For TOPS in CB Performance... Get "TOPPER"

Available from your favorite Hy-Gain Distributor or write:

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8183 N.E. Highway 6, Lincoln, Nebraska

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Citizens Communication Managers are volunteer reporters appointed by CB Horizons to report on Operating News and Special Events in their districts. CB Horizons welcomes inquiries from readers interested in becoming a reporter for an unrepresented district.

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4-KCF	R. L. Rhinehart, KCF1492 314 Liberty St. Hagerstown, Maryland
5-KCI	J. P. Setliff, 5Q2388 608 S. Best Goldsboro, N. C.
7-KDH	Hugh Pinney, 7Q0523 376 N. Atlantic Ave. Cocoa Beach, Fla.
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	L. C. Adams 64 Earl St. Rochester, N.Y.
	Tom Fend, 20Q2247 945 E. Jefferson Butler, Penn.

CB MEETING CALENDAR

The backbone of the Citizen Band movement in the United States is the series of CB jamborees, picnics, and conventions held throughout the year. CB Horizons urges that you attend such events when held in your area and that you attend regular monthly CB club meetings.

Erie, Illinois — Tri-County Citizens Band Radio Club sponsoring 'FUN-BOREE' at Erie Boat Club on Rock River, Erie, Illinois. Camping accommodations Saturday night July 13. **Jamboree is Sunday July 14.** Launching available for boating enthusiasts. $1.50 per launch. Entertainment for whole family, displays, concessions, games, boat rides, seaplane rides. Contact Jack Dauen, KHB2211.

Kansas City, Missouri — Kansas State Convention. Sponsored by the Citizens Band Association of Greater Kansas, Box 971, Kansas City, Missouri. July 19-20-21. Forum day for manufacturers with engineering talks and displays July 20. Convention Queen to be selected. Dinner and dance same evening. Contact group in Kansas City for full details.

Battle Creek, Michigan — Billed as Southern Michigan's largest CB Jamboree. **July 21** at Kellogg Regional Airport, Helmer Road, Battle Creek. Sponsored by the Cereal City Citizens Radio Club. $500.00 in CB prizes. Stage shows, manufacturers displays. Model airplane remote control demonstrations (that sounds dangerous!). Airplane rides. CB Swap Shop. Kitchen service, pony rides, games for the kids. Registration and door prize donation $.50. Contact 19Q9342, P.O. Box 91, Battle Creek.

Anderson, Indiana — 11 Meter Jamboree, Mounds State Park east of Anderson, Indiana on State Road 232. **July 21**. Sponsored by Central Indiana Citizens Band Club, Inc. Contact Ed Wood, 18B1251, P.O. Box 2155, Anderson, Indiana for full details.

Lynwood, California — Sponsored by the Southern California Radio Assistance Group, Unit 6, P.O. Box 115, Bellflower, California. **July 26, 27, 28.** Leading manufacturers will display equipment, CB'ers from California, Nevada, Arizona invited to attend. Amusement rides, picnic space, outdoor barbeque space. Olympic size pool, lots of outdoor activities. Located between Long Beach and Los Angeles off the Harbor Freeway. Contact 11Q4800, unit 12 on Natch 9 for assistance.

Napa, California — Napa Valley Final Five CB Radio Club, 1530 Solano Avenue, Napa, California. Annual CB Round-up and Smorgasbord **August 3 and 4** to be held at Doran State Park on Bodega Bay. Approximately 500 CB'ers attended this one last year. Write for full information, this is a good one!

Binghampton, New York — Southern Tier Citizens Band Radio Club sponsoring CB Jamboree August 3 at Ross Park, Binghampton. **August 3.** One dollar per family. Plenty of free parking. Directions on channel 11 if you are mobile. Contact Bob Reagen, 86 South Washington Street, Binghampton for full details.

Steubenville, Ohio — Tri-State 11 Meter Club holding annual picnic on **August 4th**. Contact Floyd F. Guy, President, 508 Union Avenue, Steubenville for full particulars.

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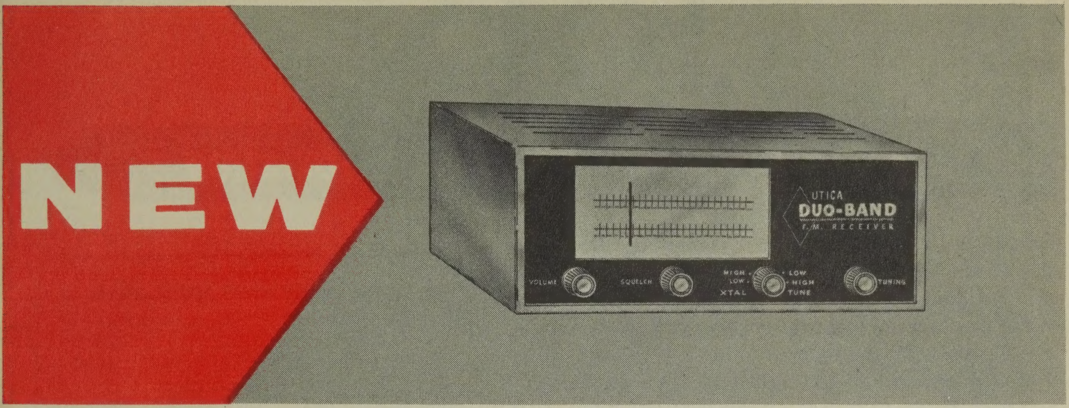
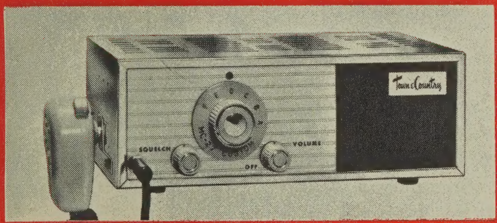

NEW
UTICA
DUO-BAND
F.M. RECEIVER
VOLUME
SQUELCH
HIGH LOW XTAL
LOW HIGH TUNE
TUNING

THE BRAND NEW DUO-BAND FM RECEIVER

for low (30-50 Mc.) and high (152-174 Mc.) band monitoring of police, fire and business mobile frequencies. Crystal controlled positions for high and low bands, illuminated slide rule dial, dual conversion superhet receiver, squelch, tuned RF stage, crystal controlled 2nd stage oscillator and Duo-Band is temperature compensated for drift control.

DUO-BAND in Chrome Steel Cabinet	$164.95
Accessory speaker in matching cabinet	$ 12.95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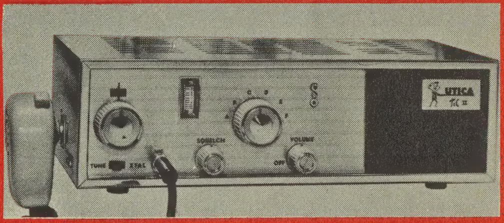
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FOR THE ULTIMATE IN CB PERFORMANCE IT'S T & C II

Featuring dual conversion 6 channel crystal controlled superhet transceiver with tuneable receiver. S meter and signal strength output indicator, external crystal socket, auxiliary speaker terminal and universal power supply.

T & C II in Chrome Steel Cabinet	$199.95

THE RUGGEDLY HANDSOME MC-27

in a dual conversion 6 channel crystal controlled superhet transceiver with superior squelch circuit, automatic volume control and universal power supply.

MC-27 in Chrome Steel Cabinet	$179.50

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- ☐ Gizmotchy
- ☐ Ground Plane
- ☐ Buddy Whip
- ☐ Antenna Selector Box
- ☐ Duo-Band FM Rec.
- ☐ MC-27 CB Trans.
- ☐ T&C II CB Trans.
- ☐ Antennas

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Address________________________

City________________State________

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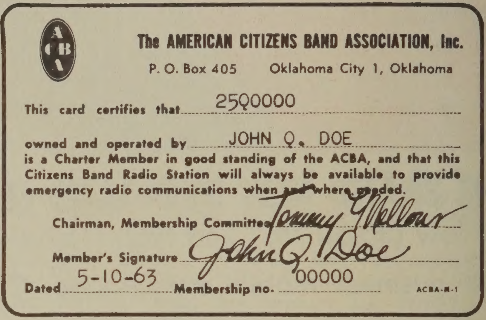
Subsidiary of Continental Marine Corporation
Another subsidiary, Checker Electronics Corp.

JOIN

THE AMERICAN CITIZENS BAND ASSOCIATION

The ACBA is growing stronger every day. During the 30 day period May 20—June 19, an average of 47 CB'ers became new ACBA members each day! The July issue of CB Horizons had a complete presentation of what the ACBA is, hopes to be, and how it will get that way. You owe it to yourself to protect the investment you have in Part 19 CB Radio by supporting the nation's CB radio organization. Use card A to the right. Just $1.00 for the first year to become a Charter Member. And if you haven't read *"The ACBA Platform"* by Paul Thacker, 19W4747, appearing in last month's CB Horizons, do it today!



The AMERICAN CITIZENS BAND ASSOCIATION, Inc.
P. O. Box 405 Oklahoma City 1, Oklahoma

This card certifies that 25Q0000

owned and operated by JOHN Q. DOE

is a Charter Member in good standing of the ACBA, and that this Citizens Band Radio Station will always be available to provide emergency radio communications when and where needed.

Chairman, Membership Committee Tommy G Mellow

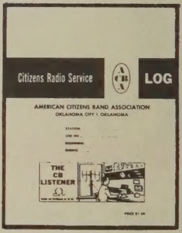
Member's Signature John Q. Doe

Dated 5-10-63 Membership no. 00000 ACBA-M-1

SHIP

A.C.B.A. LOG BOOK-DXING GUIDE

This is the handiest base or mobile operating guide you can imagine. A complete log book with instant reference to the 10 code, CB DXing awards, channels and frequencies, and the RSFM signal reporting system. AND—individual line entry spaces for 1,400 contacts, transmissions or stations heard! Proceeds of the sale of the Log Book go to the ACBA membership drive fund. Only $1.50 each postpaid, using form B to the right.



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YOUR COPY OF THE 1963 SUMMER EDITION CB CALL-BOOK

To be released between July 25 and August 5. Approximately 80,000 brand new CB licensees listed with call letters, names and addresses. Much bigger type face, easier to read, no more squinting! Oodles and oodles of reference material on CB clubs, CB dealers and CB monitoring channels all across the country. Use Form 1 on reverse side of card to right. *Just $3.95 postpaid to your door.*

JOIN THE A.C.B.A. HERE

. . . **YES**— Enroll this station and operator as a Charter Member in the American Citizens Band Association. *$1.00 enclosed.*

Name ________________________________ CB Call ____________

Address ____

City ________________________ Zone ________ State ____________

AIRMAIL MEMBERSHIP TO:

ACBA
P.O. Box 405, Oklahoma City 1, Oklahoma

ACBA LOGBOOK-DXING GUIDE

. . . **YES**— Ship me my postpaid copy of the handsome and durable ACBA station operating Log Book. *$1.50 enclosed.*

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City ________________________ Zone ________ State ____________

ACBA Member? ______ Yes ______ No

AIRMAIL ORDER TO:

ACBA LOG BOOK
P.O. Box 1557 Oklahoma City 1, Oklahoma

Place
4c
Stamp
Here

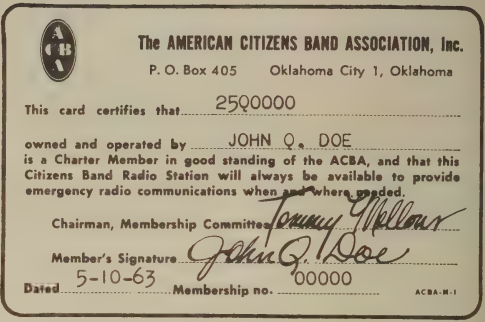
CB HORIZONS AUGUST GIVE-AWAY

P.O. Box 1557
Oklahoma City 1, Oklahoma

JOIN

THE AMERICAN CITIZENS BAND ASSOCIATION

The ACBA is growing stronger every day. During the 30 day period May 20—June 19, an average of 47 CB'ers became new ACBA members each day! The July issue of CB Horizons had a complete presentation of what the ACBA is, hopes to be, and how it will get that way. You owe it to yourself to protect the investment you have in Part 19 CB Radio by supporting the nation's CB radio organization. Use card A to the right. Just $1.00 for the first year to become a Charter Member. And if you haven't read *"The ACBA Platform"* by Paul Thacker, 19W4747, appearing in last month's CB Horizons, do it today!



The AMERICAN CITIZENS BAND ASSOCIATION, Inc.
P. O. Box 405 Oklahoma City 1, Oklahoma

This card certifies that 25Q0000

owned and operated by JOHN Q. DOE
is a Charter Member in good standing of the ACBA, and that this Citizens Band Radio Station will always be available to provide emergency radio communications when and where needed.

Chairman, Membership Committee Tommy Mellon

Member's Signature John Q. Doe

Dated 5-10-63 Membership no. 00000

ACBA-M-1

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A.C.B.A. LOG BOOK-DXING GUIDE

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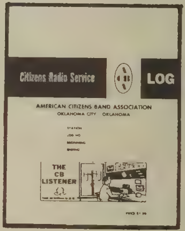

Citizens Radio Service LOG

AMERICAN CITIZENS BAND ASSOCIATION
OKLAHOMA CITY OKLAHOMA

THE CB LISTENER

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. . . **YES**— Enroll this station and operator as a Charter Member in the American Citizens Band Association. *$1.00 enclosed.*

Name .... CB Call ....

Address ....

City .... Zone .... State ....

AIRMAIL MEMBERSHIP TO:

ACBA
P.O. Box 405, Oklahoma City 1, Oklahoma

ACBA LOGBOOK-DXING GUIDE

. . . **YES**— Ship me my postpaid copy of the handsome and durable ACBA station operating Log Book. *$1.50 enclosed.*

Name .... CB Call ....

Address ....

City .... Zone .... State ....

ACBA Member? .... Yes .... No

AIRMAIL ORDER TO:

ACBA LOG BOOK
P.O. Box 1557 Oklahoma City 1, Oklahoma

Place
4c
Stamp
Here

CB HORIZONS AUGUST GIVE-AWAY

P.O. Box 1557
Oklahoma City 1, Oklahoma

CARD NO. 1, SUMMER CB CALL-BOOK
CARD NO. 2, CB HORIZONS SUBSCRIPTION

. . . **YES**

Enter my order for one postpaid copy of the Summer CB Call-Book from Horizons, to be shipped around August 1. *Enclosed my check/money order for $3.95.*

Name .... CB CALL ....

1

Address ....

City .... Zone .... State ....

AIRMAIL ORDER TO:
Summer CB Call-Book
P.O. Box 1557, Oklahoma City 1, Oklahoma

SUBSCRIBE TO CB HORIZONS HERE – BONUS OPPORTUNITY!

. . . **YES**

Sign me up for 12 issues of CB Horizons, and sign me up as an automatic member of the A.C.B.A. I want a crack at that $100.00 Cash Bonus too!

Name .... CB CALL ....

2

Address ....

City .... Zone .... State ....

AIRMAIL ORDER TO:
CB Horizons Subscription
P.O. Box 1557, Oklahoma City 1, Oklahoma

CB HORIZONS GIGANTIC (August) GIVE-AWAY

Name .... CB Call ....

Address ....

City .... Zone .... State ....

My choice in a Dream Transceiver from those shown in Directory, is ....

.... Second Choice ....

Features I want in a transceiver .... 23 channels Transmit? .... tuneable?

.... No. transmit channels? .... No. crystal receive channels?

Other features ....

My local CB dealers name, address is ....

....

CARD MUST BE POSTMARKED PRIOR TO MIDNIGHT AUGUST 10th

CB TRANSCEIVER OF YOUR CHOICE

FREE!

ANY TRANSCEIVER LISTED IN THIS DIRECTORY*

EXCLUSIVE WITH CB HORIZONS!

$100.00 CASH BONUS— SUBSCRIBE TO LEFT!

CBH

AUGUST GIVE-AWAY

***Win the Dream Transceiver of your choice**

PLUS

***Win $100.00 Cash Bonus if you are a subscriber to CB Horizons prior to August 10th!**

RULES:

1. This is not a contest. No box-tops, no money, no jingles. Just prizes!
2. Contest is sponsored by Data Servicing, Inc., operator of the Horizons data service division.
3. Simply fill in the Give-Away card to the left, put a stamp on it, and mail it with a proper postmark before midnight August 10th.
4. All cards will be placed in a single container and one card will be drawn from the container by a bonded public accountant on August 17th. The person submitting the card drawn from the container is the winner of a CB transceiver of his choice, as explained below.
5. *Winner may select any transceiver shown in this Directory, provided transceiver selected can be delivered to Data Services, Inc. from the manufacturer in not more than 30 days from receipt of order.
6. Winner must agree not to sell or trade transceiver for a period of one year.
7. All employees or their immediate families of Horizons Publications, Inc; Data Services, Inc. are not eligible.
8. Five additional prizes consisting of CB equipment shown in this Directory will be announced in the September CB Horizons and awarded to the 2nd through sixth card entrants pulled from the Give-Away card barrel.
9. Winners will be notified by mail on August 18 and announced in the October issue of CB Horizons.
10. First prize winner will be given a BONUS PRIZE of $100.00 cash by Data Services, Inc. if he (or she) has a valid and current subscription to CB Horizons on midnight, August 10th. Subscriptions postmarked prior to August 6 will be counted as valid subscriptions as of August 10.

SUBMIT OFFICIAL ENTRY CARD (or reasonable facsimile) before Midnight August 10!

EDITORIAL

CHANNEL

BOB COOPER, JR.—KEG2607

C.E.M.A.

In Chicago, on May 18th, the Communication Equipment Manufacturers Association (CEMA) met in its first general membership meeting. The purpose of the meeting was to elect officers and get a program going whereby the CB industry, and those connected with it, could stand as a united body in presentations to the FCC and other interested parties.

There were 30 members of CEMA as of the date of this meeting, including 25 manufacturers or mail order firms, and four publication houses. CB Horizons is a member, as is 10-4, Popular Electronics and S-9.

All publishing firms were represented except 10-4.

Nine of the manufacturers were also on hand. 12 members in all were there, not quite half.

The meeting was called to coincide with the May Electronics Parts Distributor Show. Approximately 24 of the 30 members were in Chicago for the show, although only half of these appeared at the meeting.

The meeting lasted approximately two hours. The bulk of this time was concerned with discussions pro and con, 'should the CEMA group seek affiliation with the E.I.A. (Electronic Industries Association)?'.

When the proposal was tabled, the business of selecting a permanent slate of officers to run the association was put into action.

In the course of the nominations, your's truly was nominated as Vice-President, then Secretary, and finally Treasurer. I was elected treasurer by a narrow 6 to 5 margin. I was the only representative of a publishing firm nominated to any of the four posts.

Elected to the Presidency was Len Haas, of Pearce-Simpson, Inc., Miami, Florida. Elected to the Vice-Presidency was Gar Greene of Browning Laboratories, Laconia, New Hampshire. Elected to serve as Secretary was Dick Salam of Utica Communications, Chicago, Ilinois.

When the ballots for treasurer had been counted, one of the representatives from another publishing house asked that the members present decree that my election be voided since technically speaking Horizons is not a manufacturer. And CEMA is an association of communications equipment **manufacturers.** President Len Haas pointed out that the group had (and has) no constitution, no by-laws and no guide lines, so there was no basis for determining the eligibility of any of the members to sit as officers of the association. And, any member **must therefore** be eligible to be an officer.

This apparently did not satisfy the representative from Ziff Davis, and he and the S-9 people immediately walked out of the meeting.

Someone lost no time in speaking out against my sitting as an officer on the CEMA desk. By the morning of May 19th it was plain that the other publications were threatening to bust CEMA apart at the seams before it had a chance to get off the ground.

NOW –– it just so happens that I agreed with them. I too felt that the association should have full membership open only to **manufacturers** who can qualify. I believe that the publications should be active members, and voting members, but that they or their representatives should not be eligible for officer spots. We simply are not manufacturers! It's as simple as that.

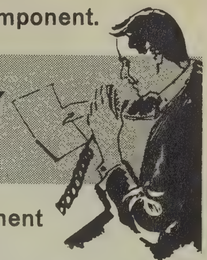
SO — in a completely clear conscience I feel that the road ahead for CEMA is

The Deluxe "ESCORT"

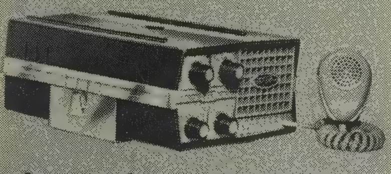
NEW...the CB TWINS

- **The Deluxe "ESCORT"** (Ready for fall delivery)
- **The Popular "COMPANION"** (Ready for action today)

. . . both precision engineered with dependability built into every component.



CITIZENS CB BAND *IN ACTION!*



The Popular "COMPANION"

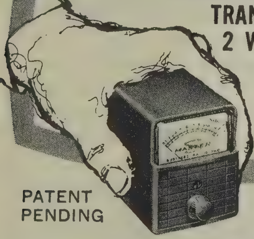
Pearce-Simpson quality CB equipment provides instant contact with home, office, police, mobile units and other CB'ers.

New "Escort" Features:

- Illuminated slide rule dial tuning with "S" meter.
- 8 fixed channels, receive 23 tunable, transmit 23 with external crystal.
- Transistorized power supply.
- All aluminum, non-corrosive cabinet and chassis.
- Functional spot and tuning switch.

PEARCE-SIMPSON, INC.

2295 N.W. 14th St., Miami 35, Florida



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Stable, accurate — smallest unit on the market!

S MASTER

Just the unit you've been looking for! Installs in seconds — negligible AVC loading — gives more faithful reading of incoming signal than more common screen-grid current measuring meters. Only 1⅞" wide by 2½" high and deep — enclosed in handsome, high impact plastic case! Mounts anywhere. Also valuable as an assist in receiver alignment or antenna placement. Uses ordinary transistor radio battery NEDA 1604 which can be inserted or changed in seconds. Fully guaranteed!

Model 601 "S-Master"
(Less Battery) . . . . NET **$11.95**

See your distributor or write to:

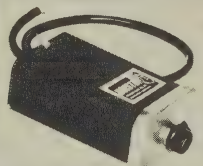
BUSINESS RADIO, INC.
P.O. BOX 5652 • Mpls. 17, Minn.

Please send me details on the "S-Master"

NAME____________________
ADDRESS____________________
CITY____________ STATE________

BUSINESS RADIO INC.

NEW!



NOISTOP

Only 1½"x 2½"x 4"

"NOISTOP" ELIMINATES IGNITION INTERFERENCE CAUSED BY NEARBY CARS AND TRUCKS... boosts range and performance by letting you hear signals normally lost due to ignition interference!

Thousands in use by CB'ers throughout the country! Prevents receiver jamming from trucks, cars, outboard motors, or other nearby source of pulse-type electrical noise! No need to suppress your car—ideal for base station use. **$16.95 NET**

Completely wired, tested and guaranteed. Installs in 20 minutes.

DETAILED INSTRUCTIONS FOR:

EICO 761, 762
ELMAC CD-5
GENERAL MC-4
GLOBE CB-100, 200
GONSET G-12, 14
HALLICRAFTERS CB-2, 3
HEATHKIT GW-10
INTL. CRYSTAL 50, 100
JOHNSON "Messenger"
KAAR TR-32
KNIGHT C-27
LAFAYETTE HE-15A,20-A
POLYCOMM PC-2
RAYTHEON TWR-1
R. C. A. MARK VII
UTICA MC-27
VOCALINE ED-27M
WEBSTER 4-11

See your distributor, or write to:

BUSINESS RADIO CO. INC.
P. O. Box 5652 • Mpls. 17, Minn.

going to be tough enough without the 30 odd members split over a point that I, as the point of arbitration, agree with them on.

I must, then, hereby tender my official resignation as the Treasurer of CEMA.

I pledge the support of the entire Horizons organization to the birth and growth of this infant organization, and offer my personal services to whatever end the remaining officers may feel they can best be utilized.

And since the group did not choose to determine as a point of decision whether a publishing firm can or can not sit as an officer in CEMA, I take this opportunity to point out that I have solved the problem for the group. By my resignation, I establish without the necessity for time consuming further discussion a precedent that I feel certain will last through the ages.

No publishing firm should ever seat a representative in the officers ranks of CEMA.

Bob Cooper, Jr.
KEG2607

OZZIE — continued from page 4

code speed up to take my amateur exam. You have a real fine magazine; it is a needed magazine that every CB'er should read and support for their own good.

R. G. 'Skipper' McLaury
415 Thompson Avenue
St. Joseph 47, Mo.

Skipper:

We only wish we had ANY back issues available! We constantly receive requests for complete sets. We'll ask again, for you, however. Is there a back set of early CBH's kicking around for Skipper?

Ozzie—

I've tried all of the leading electronics parts houses and cannot find a Delco DS-25, DS-22 or a DS-26. Any suggestions?

N. Guy Ross
Box 325
Uniontown, Pa.

Guy:

Surely one of the nearly 2,000 parts houses that handle CBH will see this and send you one C.O.D. What say Parts House fellows?

OUR COVER

The CB 'Playboy,' emerging from his local CB dealer, faces a dilemma. How to load his new ECI Courier 1M transceiver, AS/P M-67 mobile antenna, and Hy-Gain CLR (with associated accessories) into his Jaguar XKE Coupe, and still have room for his attractive companion. Unbeknownst to the young lady this is just the first time she will take a back-seat to CB radio in the mind of this new CB'er!

ALL TRANSISTORIZED TELE-MATE 500

5 WATT CB TRANSCEIVER. Made with superior quality components and workmanship and is **GUARANTEED FOR ONE FULL YEAR.** Exclusive, high performance features ☐ Shock-proof circuit board, type used in satellites ☐ Extremely compact, 2¼" x 8" x 7½", easily installed anywhere ☐ Lightweight, only 3½ lbs. ☐ 5 crystal controlled channels ☐ New transistorized noise limiter ☐ Sensitive receiver, 3 I.F. stages ☐ Adjustable squelch ☐ Maximum range, both transmit and receive ☐ Microphone, mobile mounting bracket ☐ **PRICE $189.50** ☐ Also available with portable battery pack, AC power supply and charger ☐ **DEPENDABLE COMMUNICATIONS.**

VOLUME
SQUELCH
CHANNEL
TELE-MATE
500

Write for free brochure to: **J. Briskin Inc.,** 14827 Ventura Blvd., Sherman Oaks, Calif.

hallicrafters gives you the basic superior performance you need for just $159.95...

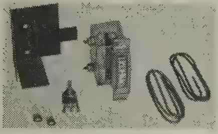
All the gadgets ever invented wouldn't improve the tremendous basic performance and reliability of the CB-3A. You get 8-channel, crystal controlled convenience . . . 100% modulation capability . . . 40 db. min. adjacent channel rejection . . . less than 1 μv. sensitivity . . . 6 kc. selectivity . . . removable accessory panels and built-in accessory jack—plus a reliability record unequalled in the field.

CITIZENS
hallicrafters

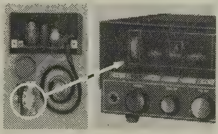
CB-3A

eight-channel, dual conversion
basic transmitter/receiver

...and lets you decide which extras you want



HA-9 S-Meter Kit. Illuminated. Complete hardware; installs in minutes in removable CB-3A front panel. Universal. $8.95.



HA-11 Noise Eliminator. "Racket Buster" deluxe. Mounts completely hidden on back of CB-3A; front panel thumb control. $15.95.

HA-3 Noise Suppression Kit. Pass condensors, ground braid, etc. Minimize electrical system noise. $13.48. SP-3 spark plug suppressor, $2.95.

HA-12
hallicrafters

HA-12 Encoder/Decoder. Full duplex selective calling system. No tubes or transistors. Single switch operation. $79.95. HA-12A Encoder only, $44.95.

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THREE HOURS WITH NEW FCC CHAIRMAN E. WILLIAM HENRY

On May 16 your editor visited again in Washington, D.C. to discuss the Part 19 problem with additional people from the FCC and a leading Senator. This report is the second in a series designed to keep CB'ers informed of the latest **Washington views** on Docket 14843, which is expressly designed to do away with certain privileges now granted to licensed CB operators.

FIRST STOP—Chairman E. William Henry

One of the interesting facts about the Citizens Radio Service is that until my visit to newly appointed FCC Chairman E. William Henry, no FCC Commissioner (not to speak of the Chairman himself) had ever taken a personal interest in the Citizens Radio Service. No Commissioner that is, since post-war Commissioner E. K. Jett, the man who personally engineered the concept of a Citizens Radio Service at the Commission level.

Mr. Jett has been out of the Commission for more than a decade. We felt that just **possibly** it was time for someone further up the ladder than Division Head Ivan H. Loucks to become acquainted with what C.R.S. stands for!

With me on my visit to Commissioner E. William Henry's office was a representative of the Citizens Band manufacturers, Charles Messenger of General Radiotelephone Company of Burbank, California. Also in attendance was Paul W. Thacker, 19W4747, President Pro-Tem of the American Citizens Band Association and Richard Bromley, a member of the ACBA Steering committee.

Commissioner Henry preceded our visit by holding a meeting of approximately 30 minutes duration with Ivan Loucks, head of the Citizens and Amateur Division. Its pure conjecture, but we suspect the Chairman sought a quick briefing from Mr. Loucks on the why's and wherefore's of the C.R.S. before meeting with our delegation.

This was no quick meeting, for which we were most grateful. We entered his office shortly after 9:15 in the morning. We stayed until noon.

Sitting in on the session was a Mr. Emerson, and a Mr. Longfellow, a lawyer and an engineer respectively, attached to the Chairman's private staff.

Because of the length of the meeting, and the wide range of topics covered, we shan't attempt to report on our meeting as if it were an interview, because this it was not.

The purpose of our meeting was to acquaint the Chairman with the following points;

(A) The Citizens Radio Service has, in the past 24 months, catipulted two-way radio communications into the hands of more than ¼ million American Citizens, resulting an annual industry that will contribute in excess of $75,000,000 to the American economy, in transceiver sales alone, this year.

(B) The Citizens Radio Service in providing every American Citizen with an opportunity to share in the marvels of two-way communications; an experience roughly comparable to offering every citizen the opportunity to free himself from the bands of transportation via private auto and to own and fly his own private airplane.

(C) Because of the mushrooming acceptance of the Citizens Radio Service, by Americans in all walks of life, emergency and dependable radio communications to answer any conceivable need is now in the hands of the people who can make the most of it, the citizenry of the U.S.

(D) Directly opposite to popular Commission mis-conception, the so-called Hobby Radio users in the C.R.S. are by their very presence in the service forming the backbone of a very real and useful network of communications enthusiasts.

(E) The usefulness of the service has gained in direct proportion to the acceptance of the service by the man in the street. And the man in the street is drawn into the service because of the diversity of interests available to C.R.S. licensees. Primary among these has been the fact that the C.R.S. has provided its licensees with an opportunity to dabble in, learn from and improve on the science of electronics. If this is a hobby, then so-be-it. **But it is the primary and continuing motivating factor** in the ever increasing mushrooming growth of the service.

And it is this growth that we all wish to perpetuate.

SO-BE-IT

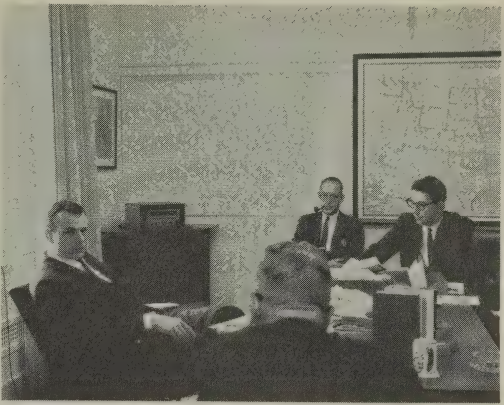
We explained to the Commissioner that we felt the primary reason behind the C.R.S. growth was the challenge that the service offers.

First of all, we noted the frequency spectrum alloted to the C.R.S. is anything but optimum. The 27 megacycles region is just about the noisiest region for mobile communications in the entire spectrum. Auto ignition noise is at its strongest here. So is noise from many of the electrical generating and power carrying devices, such as high tension lines, sub-stations, and even power carrying street lines.

Noise from neon signs is at its worse in this spectrum.

The Commission's allocations people have even chosen to compound the problem by allocating to this region Industrial, Scientific and Medical devices, such as heat-sealing machines and diathermy (treatment) equipment.

In other words, all of nature's and many of men's natural forces are against this part of the spectrum **ever** being a truly useful region.



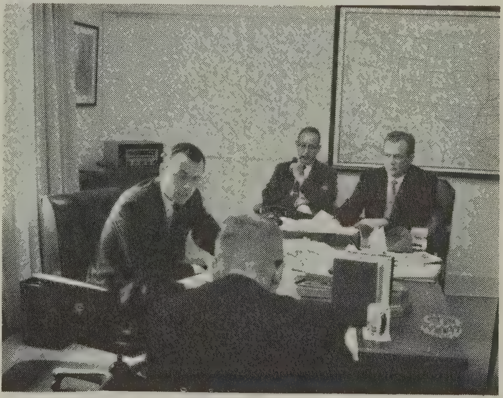
A QUESTION POSED—left to right, Chairman E. William Henry, ACBA President Thacker (back of head), Mr. Emerson (Attorney attached to Chairman Henry's staff) and CBH Publisher Cooper.

And to further compound the problem, the Commission has limited legal antenna heights to 20 feet above existing structures, and maximum transmitter power to five watts.

Finally, skip reception and transmission makes the service almost if not completely un-useable for hours and sometimes days on end.

Is this a proper region of the spectrum for business radio users? **We think not.** And we told Commissioner Henry so.

No business man, unless he is well isolated from centers of noise and population, would step into and actually apply for radio communications in this region IF he knew all of these things before hand. **It's just simply not good business sense,** no matter how inexpensive the equipment is.



A QUESTION ANSWERED — the cast is the same except Charlie Messenger of General Radiotelephone Company occupies Cooper's chair. The Commissioner's answer is noted in the text, page 22.

Granted there have been and will continue to be many-many successful applications of CB to business use. But the odds of noise, power, terrain and operational interference are against the man who expects to be able to step up to his office radio, push the microphone button, and solicit an immediate response from one or more mobile units located **more than five miles distant.**

So what is the service good for? **Plenty.** If the Commission will just let it be, or so we told Chairman Henry.

The service is excellent for people who don't demand and seldom expect perfect two-way communications. The business man is **seldom** in this category. He invested operational capitol into his system, and **it has to work.** Not just part of the time, but all of the time. If it does not, it is something less than an ideal or even reasonable investment.

The personal CB user, on the other hand, not only recognizes the challenges of the spectrum, he accepts them willingly!

The personal (and so-called Hobby) user sees in the service an **opportunity** to communicate. **Not a promise of communications.** He sees in the service a challenge to improve on something that is far from perfect. He sees in the service an opportunity to improve the range of his receiver, improve the sock of his transmitter, improve the effectiveness of his antenna system.

We told Chairman E. William Henry that the C.R.S. is a re-birth of the great American institution known as tinkering. The garage experimenter, the basement screwdriver mechanic, the backyard roof climber.

For more than a decade, since the inception of television into nearly all American homes, this breed of American has been dormant. He has been glued to the television screen night in, night out, from habit, and out of lack of anything else to do.

And now the Citizens Radio Service has rocketed him back into his basement, out into his garage and up onto his roof with his Sears-Roebuck tool set and his innate curiosity to explore and improve on something that has been handed to him in the raw, with the challenge that **he make it better.**

Off and running with the challenge, he has risen to the bait and is signing up his friends and neighbors in the same glorious rush for betterment that is now attracting nearly 25,000 new applications per month.

"Kill this kind of American enthusiasm and creative ability?" we asked of the Chairman. "Not on your life" we urged.

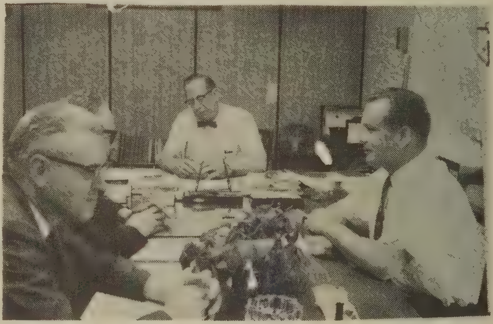
"If you do, you are killing America itself."

AN OPEN MIND

The Commission admitted that we had facts, figures and explanations that he had not heard expounded by his staff members handling the Citizens Radio Service.

He noted "I am offering you an open mind, but no promises and no guarantees."

The new Chairman noted "The Commissioners are against what you are proposing. You have a decidely difficult road ahead."



LATER IN THE DAY — "Our Gang" spends some time with Citizens and Amateur Division head Ivan H. Loucks. Down the left, Bromley and Thacker. Loucks facing camera. Charles Messenger of General Radio-telephone on right. Ivan had just asked Charlie about General's plans for the 'Q-Bird.' Silence reigned!

And he stated "But even as I sit here, I can tell you that we would rather have these kind of people using two-way radio than not using it. The only real problem is how do we establish a means so that they can use it."

This we took as a sign that the Chairman felt that the Hobby radio user has no home in the confines of Part 19.

He seemed to back up this when he asked "What about the amateur radio service? You have explained how these home tinkerers differ from the amateurs. And I think I understand this difference, and can see why they would never become amateurs. But suppose the Amateur rules were relaxed so as to make it easier for them to become licensed under that service?"

This led into a discussion of the now pending proposal submitted to the Commission by the International Crystal Manufacturing Company (see page 33, March CB Horizons). We explained that such a proposal was already on file with the Commission, but noted that the Amateurs are currently seeking to tighten the restrictions of their present licensing, not lower the qualifications for becoming a 'ham .

A SOLUTION?

This led up to a discussion of how the present 23 channels allocated to the Citizens Radio Service might be divided so as to satisfy both the present and future needs, with a definite means of separating the Hobby-Personal users from the Business and Personal users.

The proposal we finally evolved, with the Chairman, was and is the direct result of both our discussion leading up to this point but also a direct result of very careful observation and analysis of present day users, user needs, and of the stack of several thousand comments filed with the Commission as a result of Docket 14843.

Bare in mind that this proposal was only discussed, and that we received no promises or guarantees from the Chairman. **He agreed only to view it with an open mind.**

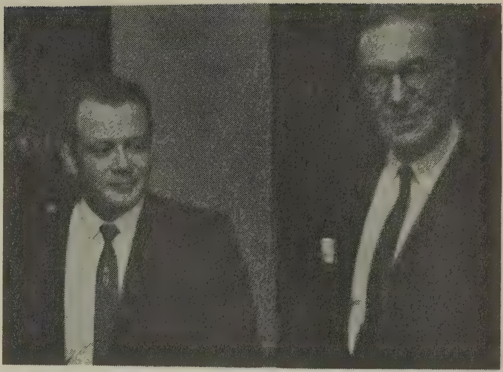
We suggested a division of the present 23 channels into two groups.

(A) 'A' channels, or channels 1 to 9, inclusive.

(B) 'B' channels, or channels 10 to 23 inclusive.

Channels 1-9 would be alloted for inter-station (or licensee) communications, while channels 10-23 would be alloted to **intra**-licensee communications.

Channels 10-23 would be reserved, 24 hours per day, seven days per week, for communication between units of the same licensee. This would satisfy the business users, and it would satisfy the personal users who desired only to talk to their own units.



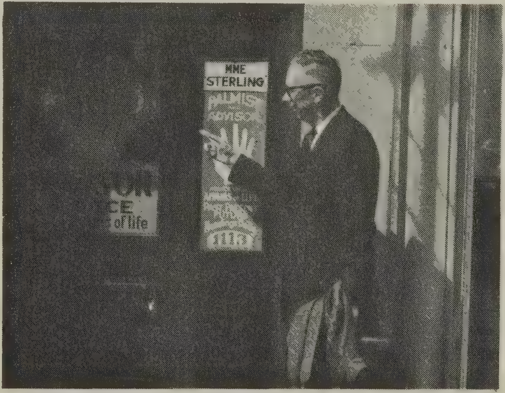
SENATOR KEFAUVER AND CHARLIE — The Tennessee Senator has shown considerable interest in the Part 19 problem, especially since the A.C.B.A. has its' roots in Kingsport, Tennessee.

Channels 1 to 9 would be useable for communications of five minutes or less over distances of 150 miles or less by units of different licensees between the hours of 6 AM and 6 PM, standard time, Monday through Saturday.

Channels 1 to 9 would also be useable for communications of three minutes or less over un-restricted distances by units of different licensees between the hours of 6 PM and 6 AM, standard time, Monday through Saturday, and from 6 PM Saturday through 6 AM Monday (all day Sunday).

This would set aside definite channels and hours for all times of reasonable two-way communications. The business users would always have protection from hobby users, and no business user in his right mind would venture below channel 10 in the evenings!

On the other hand, by providing an outlet for essentially unrestricted (in terms of range) communications, the overpowering



ACBA PRESIDENT THACKER — and his special 'consulting service' for Part 19 problems. The swami took the 5th amendment when asked the future of CB. Smart fellow.

human urge to communicate over great distances, when conditions so permit, would have an outlet on weekends and in the evenings, when the garage or basement tinkers are by the tens of thousands tinkering with their equipment and striving to improve its performance.

This, we told the Chairman, would overnight curb many if not all of the 19.61 (a) violators because they could now direct their DXing energies towards prescribed and established channels and hours where a method has been established for their free access of and to a limited amount of spectrum space.

THE FUTURE

The Chairman is one of the most alert and progressive thinking individuals that you would ever care to meet. He saw further ahead than the immediate problem of what to do with more than 200,000 present day Hobby users. And he asked me, "What about next year or the year after? Won't you be back asking for more spectrum space and frequencies if we grant this kind of an allotment now?"

In a word, he knows human nature well.

We had an answer, or rather Charles Messenger of General Radiotelephone did.

"There is no reason," Charlie said, "why the present 23 channels can not be split and further divided into a total of 46 or even more channels five years from now. The existing 23-10 kc wide channels can very easily be narrowed to 46-5 kc wide channels, at the time that single sideband communications is perfected and developed for this service."

"In an exsiting 10 kc wide channel, we can stack two 3 kc wide single sideband stations, and have plenty of guard-band (i.e. spectrum space on either side to protect adjacent channel operators) region remaining.

"I suggest that at such time as sideband is firmly established in CB, that the Commission study splitting all ten kc channels to 5 kc channels, thereby doubling the number of channels. With a five year forewarning, all manufacturers could easily convert over and all users would get full value from their equipment."

The Commissioner, and his engineer, seemed somewhat struck with the idea that a radio service group might itself request channel splitting, they asked that Mr. Messenger submit the proposal in writing.

Following the break-up of the nearly three hour long session, Charles Messenger, Paul Thacker, Dick Bromley and I dropped into to visit with Ivan Loucks. Mr. Loucks and Mr. Messenger didn't exactly hit-it-right-off, apparently since Ivan has been on the "Q-Bird" war path for years. However, once Mr. Messenger noted that with the new rule making proposals which actually outlaw Q-Birds or any type of audio tone signaling device of this design, his firm had changed their transceiver design and were phasing out the "Q-Bird", all was well.

Mr. Loucks and Mr. Messenger entered into a discussion of type approval for CB equipment with Mr. Messenger noting that he felt it would be a good thing for the service.

Mr. Thacker of the ACBA asked Mr. Loucks why the Commission had decided on an $8.00 license application fee for CB when the amateurs were getting in for $4.00. Mr. Loucks noted that the amateurs police themselves, CB'ers do not. The discussion ended.

Next stop on our whirlwind tour of the Capitol was the office of Senator Estes Kefauver of Tennessee. The Senator saw our group briefly, and then dashed to a hearing he was holding. We talked at great length with one of his aides concerning the possible gaining of the Senator's support for the personal-hobby users plight at the Citizens and Amateur Division.

ROUND-UP

This is no question that a great deal of good can and will be done during high level visits such as these to Washington. We now have not only a Commissioner, but the actual Chairman of the Commission studying our problem. This does not remove the problem. This does not remove the problem from Ivan Loucks hands, by any means, but it does allow a different set of hands to get into the act. We feel strongly that it is going to be meetings of this type which will eventually win a place for the Hobby Radio users in the hearts of the FCC, as it has already found a place in the hearts and homes of more than 200,000 American families.

INTRODUCTION TO 1964 CITIZENS BAND DIRECTORY

Three years ago, when CB Horizons introduced the much imitated "CB Equipment Directory" concept to the 27 megacycle world, there were a relative handful of non-hand held transceivers, a half dozen antenna manufacturers, practically no test equipment and selective calling was just a dream.

Today, with our third Directory of CB Equipment, the 1964 version, it is plain to see that CB manufacturing and distribution have come a long way down the pike.

We have about the same number of transceiver manufacturers this year, but we have approximately 50% more transceivers. Most of our manufacturers have added one or more new models to their lines during the past year.

We have more hand-helds than ever before, and we are making a point of listing only those transceivers which you will find in your nearby CB dealer's store. In other words, you **won't find** the cheap import stuff that shows up in drug stores and discount houses.

In the audio accessories department, we have fewer companies, but better products than one year ago. Some of the rift-raft and fly-by-night stuff has dropped by the way side.

Antennas? More than ever before. So many more that one major manufacturer asked that we not list each of his individual models. Just the fact he is in business.

Test equipment is in its hey-day. We have more real fine quality CB test gear available than ever before. And most of it at reasonable prices too.

CB crystals continue to attract a few new firms each year. The fantastic crystal market just never seems to reach sales capacity. Practically all suppliers are back ordered weeks, and this makes the market ideal for new firms to step into production.

Las year, selective calling was a dream. This year we have a big gathering of units in this category. Most of them are manufactured by **one** company, with different name plates, but there are a few examples of individual ingenuity in the crowd. It's all good stuff.

In the accessories department, we finally gave up and broke it down in **mobile accessories** and **fixed-station accessories.** Even here there are problems. So when a product can be used at either base or mobile, we put it in the fixed-station grouping.

Most of the manufacturers cooperated this year. The handfull that did not reply we dug up the material ourselves, although it is probably not as they would have done it themselves. We did not **purposely** leave anyone out, even those who said they didn't want to be listed. We are more convinced than ever, this year, that you readers do find this Annual Directory issue more than just a little bit useful when comparing equipment, checking availability and drooling over what you want to add to your station next.

This is a one-of-a-kind listing. Not even the biggest catalogues have all of this equipment listed.

Not to speak of the big listing of active CB dealers in the back of the book. Those dealers listed are the real red-hots in the country today, and they are the people to see when you are ready to buy or trade.

If you discover we have neglected to list some product or firm, bring it to our attention and we'll see that it gets in next time. There must be literally dozens of local and regional manufacturers who contribute substantially to the CB market in their own areas that are not listed here. Next year we would like to list these felolws too, in a special catagory. Let us hear from you if you fit this category.

DIRECTORY - 1964

CITIZENS BAND TRANSCEIVERS

A Citizens Band transceiver is a single package transmitter and receiver sharing a common power supply and usually utilizing dual function tubes, such as the audio tubes, for both transmitting and receiving. Most, if not all modern units, operate with maximum allowable input power (5 watts). The number of transmit and receive channels, the unit's sensitivity and selectivity will vary with price, as will the list of extra features such as 'S' meters, crystal spotting, noise limiters, etc.

ARKAY INTERNATIONAL, INC.
88-06 Van Wyck Expressway
Richmond Hill 18, New York

SQ-9
Available as a kit, or wired and tested. 3 channel crystal controlled channels. Squelch, noise balance control. Single conversion receiver I.F. bandwidth, 5 kc. Squelch will open with 0.3 uV signal. Superheterodyne receiver circuit. Unit operates from 117 vac, 12 vdc. 12AQ5 type tube in transmitter final. Send-receive switch on front panel.

SQ-9 .... (kit) $ 79.95
SQ-9W .... (wired) $119.95

APELCO COMPANY
213 East Grand Avenue
South San Francisco, California

RADIOTELEPHONE · MODEL AR-10
apelco

AR-10
10 channel crystal controlled transmit, receive 5 watt transceiver, including tunable receiver covering all 23 channels. 10 tubes, 4 diodes (14 tube functions), operates from 115 vac, 12 vdc. Receiver selectivity 6 db down at 4 kc, 60 db down at 23 kc. Receiver sensitivity for 12 db signal to noise ratio, 0.3 uV. 12AB5 tube in final amplifier. Minimum output, 2.5 watts. Size, 5⅛ inches by 10½ inches by 10¾ inches. Combination output voltage and "S" meter.

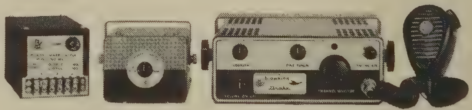
AR-10 .... $219.50

BIGGS ELECTRONIC, INC.
1328 Pulaski Street
Peru, Illinois

LA-101AN
5 channel transmit/receive transceiver. Operates from 6/12 vdc, 110 vac. 11 tubes, 16 tube functions. Receiver selectivity 3 kc at 30 db down. Receiver sensitivity 0.1uV. 6CX8 type tube in transmitter final. Minimum transmitter output, 3.2 watts. Double Nuvistor RF stage. Makino noise limiter. Size, 4½ inches by 7 inches by 11 inches. Available at distributors, complete with power cords (3) and all mounting brackets.

LA-101AN $164.95

BROWNING LABORATORIES
100 Union Avenue
Laconia, New Hampshire



DRAKE M-523
23 channel crystal controlled on transmit and receive. 10 tubes, 5 diodes. Operates 117 vac/12 vdc. Receiver selectivity 10 kc wide

at 60 db down points. Receiver sensitivity, .2 uv gives 10 db quieting. Remote power supply. Fine tuning for vernier action either side of channel. Built-in PA system feature. Available through factory and dealers.

M-523 .... $260.00
(price includes crystals)

DRAKE M-506

Identical in all features to Drake M-523 except outfitted for 6 crystal controlled channels. Available from factory or dealers.

M-506 .... $199.00

CADRE INDUSTRIES CORPORATION

20 Valley Street
Endicott, New York

510

Fully transistorized, modular construction, 18 transistors, 8 diodes. 5 crystal transmit/receive channels with tuneable receiver for 23 channels. Operates 117 vac/12 vdc. 10 db signal to noise ratio with 0.5uV signal. Minimum output 2.5 watts. Size 12x6x3½ inches. Speech clipping. Portability with rechargeable batteries. Available from dealers.

510 .... $209.95

520

Completely transistorized modular construction. 19 transistors, 4 diodes. 5 crystal controlled transmit and receive channels. Operates 12 vdc only. Receiver sensitivity 10 db signal to noise for 0.5uV signal input. 2.5 watts minimum output. Speech clipping, portable with rechargeable batteries. Available through dealers.

520 .... $187.50

515

Completely transistorized modular construction. 19 transistors, 8 diodes. 5 crystal controlled transmit and receive channels. Operates 117 vac/12 vdc. 10 db signal to noise ratio with 0.5uV signal. Minimum output 2.5 watts. Size 12x6x3½ inches. Speech clipping, portable with rechargeable batteries. Available through dealers.

515 .... $194.50

CONCORD ELECTRONICS CORPORATION

809 N. Cahuenga Blvd.
Los Angeles 38, California

TG-093

100 milliwatt base station unit (with AC-2 adaptor) meets Part 15 rules and does not require Part 19 license. 100 milliwatt power input, with 60 inch telescoping antenna. Utilizes new loading coil for antenna to provide up to 20% greater power output. AC-2 adaptor available for base station. Also operates from self contained battery supply.

TG-093 ....price not available

DAVIS MANUFACTURING CO.

2072 La Jolla Drive
Stockton, California

5W4

3 channel crystal controlled transceiver, designed for tough industrial and personal applications. 5 watts input, 100 milliwatt switch to allow Part 15 use until Class D license is granted. 4.0 watts minimum output. Receiver electivity 45 db down at 10 kc points. Sensitivity, 0.5 uV with 6 db signal to noise ratio. Squelch opens on 5 uV signal. Noise balanced squelch will not open on noise.

5W4 .... $199.50

DEMCO ELECTRONICS

Bristol, Indiana

Travelier

23 channel transmit and receive with tuneable receiver and 4 crystal controlled receive channels. Basic unit operates from 12 vdc, but an optional 117 vac power supply is available for base station operation. Receiver selectivity 3.5 kc at 6 db down. Receiver sensitivity 0.1uV. 6417 type tube in transmitter final, minimum

power output 3.25 watts. Tone control to spot receive channel on tuneable receiver. New noise amplifier and gated squelch improves squelch operation. Size 10⅞x9¾x5 inches. Available from dealers.
Travelier $180.75

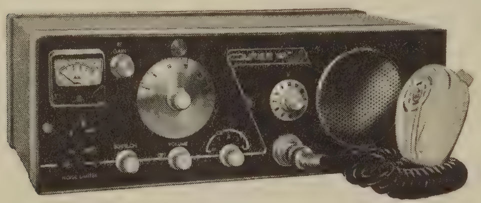
DEWALD
35-15 37th Avenue
Long Island City 1, New York

R-1050
Seven tubes, seven diodes providing 10 tube functions. 6 crystal controlled transmit and receive channels with tuneable receiver. Operates 117 vac/12 vdc/6 vdc. Receiver selectivity 3 kc at 6 db down. 10 db signal to noise with 0.5 uV signal input. Transmitter final 6AW8A provides 3 watts minimum output. Built in 'S' and RF meter, nuvistor low noise front end, push to talk ceramic microphone with electronic switching. Size 11⅝x5¼x6⅞ inches. Available from dealers.
R-1050 .... $119.50

ECHO COMMUNICATIONS, INC.
Box 223
Cedarsburg, Wisconsin

ECHO 880
12 crystal controlled transmit and receive channels, tuneable receiver for all 23 channels. 9 tubes, 4 diodes for 13 tube functions. Operates from 117 vac/ 12 vdc/6 vdc. Receiver selectivity 3.5 kc at 6 db down. Receiver noise figure 6 db for sensitivity of 0.3 uV. 6CX8 type tube in final. Minimum output 3 watts. Size 5x7x13 inches. Crystal spotter, Turner 355C microphone, external crystal socket. Available from factory and dealers.
ECHO 880 .... $139.95

E.C.I. (Electronics Communications, Inc.)
325 No. MacQuesten Parkway
Mt. Vernon, New York



COURIER 1M
12 transmit channels, 23 channel tuneable receiver. 4 fixed tuned non-crystal controlled receive channels using four tuneable trimmers. Operates from 117 vac/12 vdc with 6 vdc operation optional. Receiver selectivity 3.5 kc at 6 db down. Receiver noise figure 6 db, sensitivity 0.1 uV. 6EM5 tube in final, 6BQ5 tube modulator. 3.4 watts minimum transmitter output. Size 14x7x4¾ inches. Chrome cabinet, triple conversion receiver. Available from dealers.
COURIER 1M $229.50

FLEET COURIER

FLEET COURIER
Five crystal controlled transmit and receive channels. 7 tubes, 7 diodes performing 17 tube functions. Operates from 117 vac/12 vdc with 6 vdc optional. Receiver selectivity 4 kc wide, 6 db down. Receiver noise figure 10 db. Sensitivity 0.25 uV. 6EM5 tube in final. Minimum output 3.4 watts. Size 4½x8¼x11 inches. Chrome cabinet. Available from dealers.
FLEET COURIER $159.50

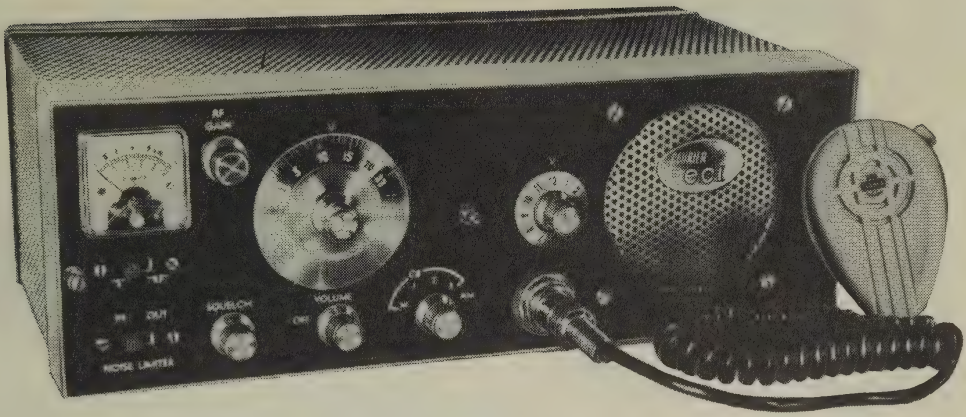
EICO ELECTRONIC INSTRUMENT CO., INC.
33-00 Northern Blvd.
Long Island City 1, New York

EICO
ON
TRANS.

770, 771, 772
4 transmit channels with tunable receiver, superheterodyne receiver circuit with 1 r.f. stage, 2 i.f. stages. Single conversion. 1 crystal controlled receiver channel. Push to talk, squelch, ANL, 12BY7A tube in transmitter final. 13 tube performance with 8 tubes and 1 diode. Variable pi network in output. Retractile coiled mike cord.

Available in kit or wired form, in several models. Available at dealers or from factory through mail orders.

770 (117 vac)	(wired)	$109.95
770 (117 vac)	(kit)	$ 79.50
771 (6 vdc, 117 vac)	(wired)	$119.95
771(16 vdc, 117 vac)	(kit)	$ 89.95
772 (12 vdc, 117 vac)	(wired)	$119.95
772 (12 vdc, 117 vac)	(kit)	$ 89.95



COURIER 1-M

NOW!

QUIETEST

MOST POWERFUL

MOBILE

C.B. UNIT!

HEAR IT TO BELIEVE IT!

Write for Free Brochure .... **$229.50** list, slightly higher west of Rockies.

e.c.i. **electronics communications, inc.** 325 no. macquesten pkwy, mt. vernon, n. y.

760, 761, 762

Single channel transmit/transceiver with tunable receiver. Transceiver with same general features as model 770 series. Transmit/receive switch on front panel. Squelch.

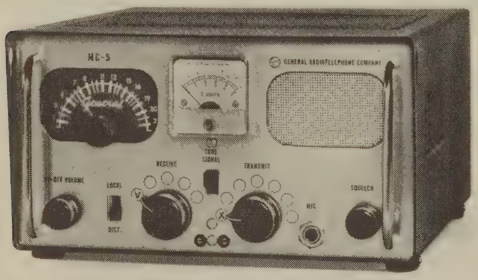
760 (117 vac) .... (wired) $89.95
760 (117 vac) .... (kit) $59.95

777

4 crystal controlled transmit channels, 23 channel tuneable receiver. 8 tubes, 4 diodes performing 15 tube functions. Operates 117 vac/12 vdc/6vdc. Receiver selectivity 5 kc at 6 db down. Receiver noise figure 10 db. Sensitivity 1 uV. Transmitter tube in final, 12BY7. Minimum output 3.0 watts. Size 8½x9x6 inches. Dual conversion receiver, illuminated S meter, spotting switch, variable squelch, illuminated vernier tuning dial, provision for optional 23 channel transmitting adapter. Available from dealers.

777 ....Price not available

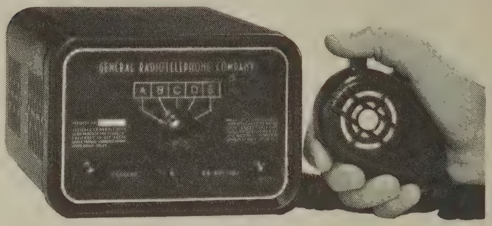
GENERAL RADIOTELEPHONE COMPANY
3501 W. Burbank Blvd.
Burbank, California



MC-5

6 transmit channels, 4 fixed receiver channels, tuneable receiver. 7 tubes, 8 diodes totaling 15 tube functions. Operates on 117 vac, 12 vdc, 6 vdc. Receiver selectivity 6 kc at 6 db/down. Receiver sensitivity, 0.2 uV. 6EM5 type tube in final transmitter stage. 6BQ5 in modulator stage. Minimum output, 3.25 watts. Size 4¼ inches by 8⅛ inches by 10½ inches. Lighted S meter-transmitter power meter, lighted vernier dial on tuneable receiver, dual noise clippers with switch to take one from receive circuit. Available from factory or dealers.

MC-5 .... $199.95



VS-2

Five channel crystal controlled transistorized power supply transceiver. Vibration service rated for rugged applications. Operates from 117 vac/12 vdc/6 vdc with proper model and power cord. Six tubes. Series gated noise limiter, zenar diode noise limiter. Short proof power dust shielded. Size 4½x6½x9 inches. Available through dealers.

VS-2 .... $139.95

GLOBE ELECTRONICS
400 S. Wyman
Rockford, Illinois

SQUELCH
CHANNEL
VOLUME
MIC
Globe Star

GLOBE STAR

5 channel crystal controlled transmit-receive transceiver. Full A.M. modulation, dual purpose tubes total 16 tube performance. Heavy duty chassis with irridite plating. Push to talk microphone operation. Superheterodyne receiver circuit. Receiver sensitivity 0.1 uV. Squelch. Operates 117 vac, 6 vdc, 12 vdc.

GLOBE STAR $159.95

Globe Master

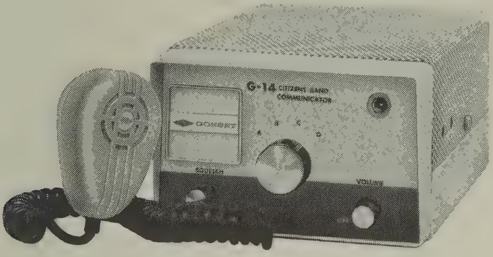
MASTER GS-220

11 transmit channels, 11 receive channels plus 23 channel tuneable receiver. Operates 117 vac/12 vdc. Receiver selectivity 6 kc wide at 6 db down. Noise figure 10 db, sensitivity 0.5 uV. 6EM5 type tube in final, EL-84s in modulator. Minimum output 3 watts. S meter, frecquency spotting switch, hinged top cabinet, receiver 100% voltage regulated. Audio clipper-limiter-filter network. Size 4½x11½x10 inches. Available from dealers.

MASTER GS-200 .... $229.95

GONSET

801 South Main
Burbank, California



G-14

4 channel crystal controlled transceiver featuring dual conversion receiver. 3 stages of i.f. Receiver selectivity 10 kc at 50 db down. 5 watts audio output on receiver. Operates from 12 vdc, 117 vac. Pi network loading in final stage. Minimum output, 3.0 watts.

G-14 .... PNA

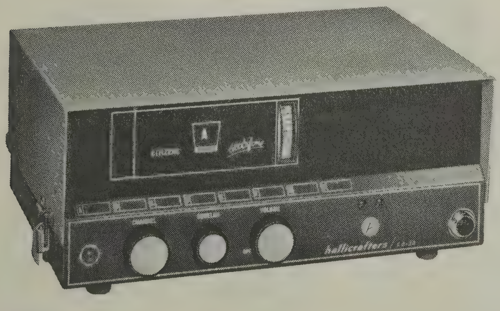
G-15

5 channel transmit, tuneable receiver. Dual conversion, squelch, ANL, 3 stages of i.f. amplification. 5 watts of audio in the receiver. Operates from 117 vac, 6 vdc or 117 vac, 12 vdc. Adjacent channel rejection of 50 db at 10 kc points. Minimum output, 3.0 watts.

G-15 .... PNA

THE HALLICRAFTERS COMPANY

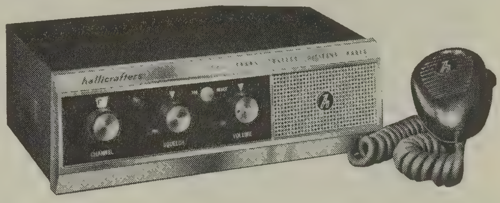
4401 W. 5th Avenue
Chicago 24, Illinois



CB3A

8 transmit/receive channels, crystal controlled transceiver. Operates from 117 vac and 12 vdc or 6 vdc. Receiver selectivity 6 db down at 7 kc points. Receiver sensitivity 1 uV. 6AW8A type tube in transmitter final amplifier stage. 12AQ5 in modulator stage. Size, 5 inches by 12 inches by 8 inches. Features ease of maintenance, no tuning necessary when installing crystals for any channel, FCC type accepted. S-meter shown is optional extra equipment (see accessory section of Directory). Available at dealers.

CB3A $159.95



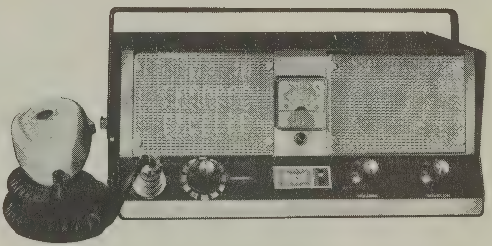
CB-5

18 transistors. 6 crystal controlled transmit and receive channels. Operates from 12 vdc or 117 vac with optional AC supply. Receiver selectivity 6 db down at 6 kc. Receiver sensitivity 1 uV. Size 10¼x3¼x8¼ inches. Available from dealers.

CB-5 .... $199.95

HALLMARK INSTRUMENTS, INC.

6612 Denton Drive
Dallas 35, Texas



Hallmark 5-12

12 channel crystal controlled transceiver. Operates from 117 vac, 12 vdc. Receiver selectivity 40 db down at 10 kc points. Receiver noise 10 db. 0.3 uV signal provides 10 db signal to noise ratio. 6AQ5 type tube in transmitter final amplifier stage. 6AQ5 type tube in modulator stage. Minimum output, 3.2 watts. Illuminated "S" meter, adjacent channel rejection 30 db. Size, 12 inches by 7 inches by 5½ inches. Available from factory and dealers.

HALLMARK 5-12 .... $149.50

TRUETONE

12 channel crystal controlled transceiver. Operates from 117 vac/12 vdc or 6 vdc. Receiver selectivity 10 kc at 40 db down. Receiver noise figure 10 db. Sensitivity 0.3 uV. Transmitter final 6AQ5. Minimum output 3.2 watts. Size 12x7x5¼ inches. Sensitive squelch. Vertical S meter. Manufactured for sale through Western Auto Stores.

TRUETONE .... Price not available

THE HAMMARLUND MFG. CO. INCORPORATED
460 W. 34th Street
New York 1, New York

HQ-105TRS
Single channel transmit with ten tube communications receiver, which tubes entire radio spectrum from 540 kc to 30 mc. Receiver has 2 i.f. stages, 1 r.f. stage. Receiver sensitivity is 1.75 uV. S meter, clock option. BFO, noise limiter, Q-multiplier. Clock option turns receiver on or off at pre-set time. Operates from 117 vac. 8 channel push-button crystal selectory accessory available. (See accessory section of this Directory).
HQ-105TRS $219.50

HAMMARLUND CB-23
23 channel crystal controlled transceiver. Special crystal synthesizer circuit provides crystal control on all channels. Dual conversion superheterodyne receiver circuit, eliminates tuning of receiver. Adjustable squelch, series trap noise limiter, S meter for receiving, power meter for transmitting. Headphone jack. Vernier tuning control for fine tuning of signals not exactly on frequency. 8 tubes plus solid state power supply. Operates from 117 vac, 12 vdc. Push to talk operation.
CB-23 .... $249.50

CB-SIX
Six channel crystal controlled transmit and receive. Operates 117 vac/12 vdc. Special plus/minus 3 kc vernier tuning for signals off channel. Minimum output 3 watts. Series type noise limiter. Dual conversion super-het receiver including 262 kc last i.f. amplifier for high selectivity. Ceramic microphone. Headphone jack for personal monitoring. Price includes one set of crystals. Available through dealers early this fall.
CB-SIX $179.50

HEATHKIT COMPANY
Benton Harbor 46, Michigan

GW-11A, GW-11D
3 crystal controlled transmitting and receiving channels, 23 channel tuneable receiver. Final stage transmitter tube is 5763 for increased power output over previous model GW-10. 4 tube superheterodyne circuit in receiver with built-in squelch, and noise limiter. Receiver sensitivity 1 uV for 10 db signal to noise ratio. Receiver selectivity 6 db down at 7.5 kc points. Has automatic volume control. Operates from 117 vac (model GW-11A) or 6-12 vdc (model GW-11D). Available through franchised Heath dealers, or direct from factory by mail order.

GWW-11A	(wired)	$ 99.50
GW-11A	(kit)	$ 69.95
GWW-11D	(wired)	$104.95
GW-11D	(kit)	$ 69.95

GW-12A, GW-12D
Crystal controlled single channel transmitter-receiver. Superheterodyne receiver, squelch, automatic noise limiter. Push to talk microphone. Operates from 117 vac (Model GW-12A) or 6 or 12 vdc (model GW-12D). Accessory power supply for 6 or 12 vdc operation available as optional extra ($7.95) for GW-12A. 1 uV receiver sensitivity, provides 10 db signal to noise ratio.

GW-12A	(kit)	$39.95
GW-12D	(kit)	$44.95
GW-12A	(wired)	$79.95
GW-12D	(wired)	$84.95

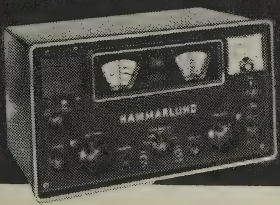
BE CHOOSY!

There's a Hammarlund CB unit

JUST RIGHT FOR YOU

Fifty years of communications experience backs your choice. From the rugged, hard working commercial/industrial CB-Six to the CB enthusiast's favorite transceiver—the versatile CB-23. Add to this the HQ-105 TRS, designed for the CBer with a Ham ticket and/or short wave listening in mind and you can choose the **Quality** Hammarlund unit best suited for your needs.

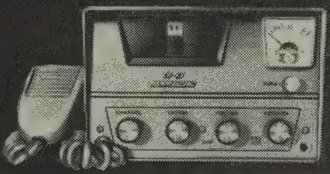
HQ-105 TRS



With one unit you get both Ham and CB coverage—and can listen to short wave stations all over the world. This is a quality communications receiver with a built-in 5 watt transmitter—which can easily be retuned for 10 meter use when you get your Ham ticket.

$224.50

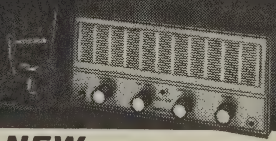
CB-23



Just add an antenna and you're ready to GO! 23 channel Transmit and Receive—crystal controlled. One price buys all—crystals, squelch, noise limiter, S-Meter, plus cables for 12v. DC mobile and 117v. AC base station operation.

$249.50

CB-SIX



NEW

Heavy duty six-channel unit built for rugged commercial/industrial use. ± 3KC vernier tuning control peaks in off-channel signals for maximum reception. Built-in power supply furnishes 12v. DC mobile or 117v. AC for base station use.

$179.50

Includes two crystals

HAMMARLUND Manufacturing Company

A Giannini Scientific Company • 53 West 23rd Street, New York 10, N. Y.

Please send technical literature on following checked CB units.

☐ HQ-105 TRS
☐ CB-23
☐ CB-Six

NAME ....
ADDRESS ....
CITY & STATE ....

GW-22A, GW-22D

5 channel crystal controlled transceiver designed to operate as complete tone-squelch communications system. (See accessory portion of Directory for tone squelch data). 5 tube superheterodyne circuit with built in squelch and noise limiter. Receiver sensitivity, 0.5 uV will provide 10 db signal to noise ratio. Receiver selectivity 6 db down at 7.5 kc points. Operates from 117 vac (model GW-22A) or 6 or 12 vdc (model GW-22D).

GW-22A	(kit)	$ 59.95
GW-22A	(wired)	$ 99.95
GW-22D	(kit)	$ 64.95
GW-22D	(wired)	$104.95

GW-32

10 tube, 3 diode unit with 16 tube functions featuring built-in selective calling system. 5 transmit and receive channels, crystal controlled. Operates 117 vac/12 vdc with 6 vdc available. Receiver selectivity 7.5 kc at 6 db down. Receiver sensitivity 0.5 uV. 5763 tube in final, minimum output 2 watts. Electronic switching, push-to-talk operation. Available from factory.

GW-32 A	(kit)	$ 84.95
GW-32 A	(wired)	$136.95
GW-32 D	(kit)	$ 89.95
GW-32 D	(wired)	$141.95

MW-33

9 tubes, 3 diodes performing 14 tube functions in 5 channel crystal controlled transmit and receive input, with 23 channel tuneable receiver. Operates from 117 vac/12 vdc/6 vdc. Receiver selectivity 9 kc at 15 db down. Receiver noise figure 12 db. Receiveir sensitivity 0.5 uV. 5763 tube in final. Minimum output 2 watts. Electronic switching, low-pass filter, half-lattice i.f. filter, tuning meter. Available as kit only from factory.

MW-33	$89.95

GW-42

12 tube, 3 diode unit performing 18 tube functions. Features built-in selective calling tone squelch. Operates from 117 vac/12 vdc/6. Receiver selectivity 10 kc at 40 db down. Sensitivity 0.5 uV for 10 db signal plus noise to noise ratio. Selective calling unit essentially GD-162 unit (see Selective calling listing). Three way power supply. Available from factory as kit or wired.

GW-42	(kit)	$119.95
GW-42	(wired)	$189.95

INTERNATIONAL CRYSTAL MANUFACTURING CO.

18 North Lee
Oklahoma City, Oklahoma

Executive 10

3 crystal controlled transmit channels with 23 channel tuneable receiver. Vernier tuning with illuminated dial for continuous tuning receiver. Sensitivity, 0.1 uV. Receiver selectivity, 15 db down at 10 kc points. Audio output into 4-6 ohm load, 2.5 watts. Series gated noise limiter. 9 tubes. Available accessories include 3 power supplies for 6 vdc, 12 vldc, 117 vac, squelch kit, 12 position crystal controlled transmit channels and mobile mounting bracket.

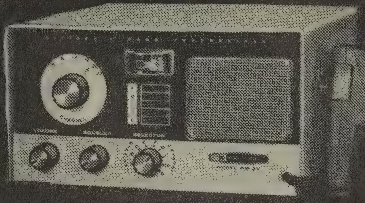
Executive 10	$79.50

VOLUME
SQUELCH
INTERNATIONAL CRYSTAL MFG
Executive

Executive 50

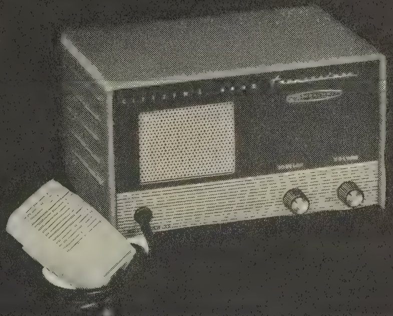
3 channel transmit, 2 channel receiver (crystal control) with 23 channel tuneable receiver addition. Push to talk. Series gated noise limiter. NS

HEATHKIT CITIZEN'S BAND world's biggest line of top quality 2-way radio values



MARINE CB
Styled to match Heathkit Marine equipment • 5 transmit-receive channels • All-channel tuning • RF stage for extra sensitivity • Crystal filter for extra selectivity • Efficient transmitter for extra range • 3-way power supply • Kit MW-33, $89.95

DELUXE MASTER STATION
5 transmit-receive channels • All-channel tuning • 4-tone selective calling • Tuning meter • Squelch • Noise limiter • 3-way power supply • Kit GW-42, $119.95

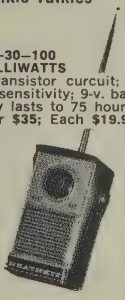


SINGLE CHANNEL
One transmit-receive channel • Sensitive superhet receiver • Squelch • Noise Limiter • AC power supply plus accessory DC supply • Kit GW-12A, $39.95

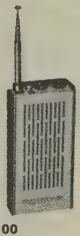
ACCESSORIES
Heathkit offers a complete line of CB accessories including selective-call kits, mobile and fixed station antennas, microphones, and extra crystals.

Walkie Talkies

GW-52—1 WATT
10-transistor, 2-diode circuit; ½ uv sensitivity; built-in charger; $20 rechargeable battery included. Pair $139.95; Each $74.95



GW-30—100 MILLIWATTS
4-transistor curcuit; 4 uv sensitivity; 9-v. battery lasts to 75 hours. Pair $35; Each $19.95



GW-21—100 MILLIWATTS
9-transistor, 2-diode circuit; 1 uv sensitivity; 9-v. battery lasts to 75 hours. Pair $84.95; Each $44.95

Heathkit, pioneer name in citizen's band radio . . . the name found wherever fast-moving, dependable 2-way radio communications are functioning . . . the name associated with quality at great savings. Whether you use citizen's band radio for your work or recreation, there is a Heathkit CB model to fit your purpose and budget. Five different 5-watt basic transceiver models are available with various power supply options. Three different walkie-talkie units are ready to keep you "in touch" . . . each in a different power and price class. And all Heathkit CB equipment is available as do-it-yourself kits or factory-assembled and tested . . . either way, you save more, get more for your money with a Heathkit. See the Heathkit Catalog for full details on the very model you need to put you "on the air."

HEATHKIT by Daystrom

FREE 1963 HEATHKIT CATALOG
Over 250 money-saving, do-it-yourself kits for stereo/hi-fi, citizen's band, amateur radio, marine, test & lab., educational, electronic organs, television, and more. Save up to 50% on your electronic equipment needs with Heathkit. Send for your free Heathkit catalog today!

HEATH COMPANY / Benton Harbor, 46, Michigan

Please send my free 1963 Heathkit catalog

Name____________________

Street____________________

City____________ Zone____ State______

Prices and specifications subject to change without notice. Dealer & Export prices slightly higher.

squelch silences receiver during standby. Three way power supply operates from 6 vdc, 12 vdc, 117 vac. 8 tubes and 6 diodes with double conversion superheterodyne receiver. Sensitivity to 0.1 uV. Receiver selectivity, 10 kc at 15 db down points.

Executive 50	$159.50

Executive
INTERNATIONAL CRYSTAL MFG.

100-A Executive
12 transmit channels, 2 crystal controlled receiver channels plus 23 channel tuneable receiver. Series gate noise limiter. Transistor power supply, new perforated case for improved ventilation. High frequency crystal filter for added receiver selectivity. Dual conversion superheterodyne receiver. Front panel microphone jack, provision for external S meter and external speaker. Operates from 6 vdc, 12 vdc, 117 vac. Push to talk operation with Dynamic microphone.

100-A Executive	$199.50

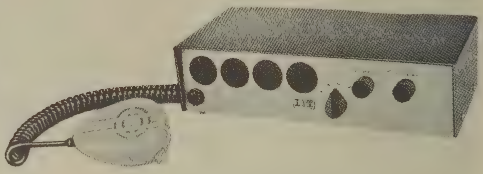
100-C, D
Essentially the same as model 100-A, with speech clipping, special receiver selectivity and other refinements. Additional information not supplied by manufacturer. Contact manfacturer or dealers for price and specifications.

INTERNATIONAL SYSTEMS CORP.
13901 Saticoy Street
Van Nuys, California

MERCURY MARK II
4 crystal controlled transmit and receive channels with 8 transistors and 1 diode. Operates from 117 vac/12 vdc/6 vdc. Size 5x9½x8⅜ inches. No other information supplied. Available from dealers or factory.

MERCURY MARK II	$129.95

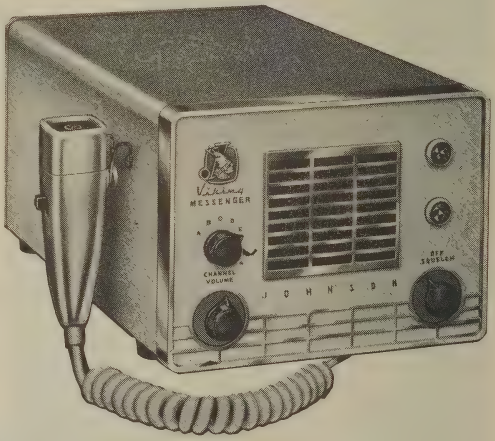
INTERNATIONAL TELEPHONE AND TELEGRAPH CORP.
Distributor Products Division
P.O. Box 99
Lodi, New Jersey



320
Fully transistorized 5 channel transceiver. Built in noise limiting, fully adjustable squelch. Push to talk operation. Operates from 117 vac and 12 vdc, with dual power supply and separate power cables. Voice level control modulation, compresses audio without distortion and overload. Ruggedized construction for mobile or marine use. 2 watts audio output. AGC, varies less than 6 db with signal levels from 8 uV to 5 millivolts. Dual conversion receiver. 17 transistors and 3 diodes. Size, 11¾ inches, by 3½ inches by 5⅜ inches.

320	$199.50

E. F. JOHNSON COMPANY
299 10th Avenue SW
Waseca, Minnesota

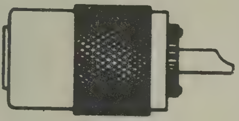


MESSENGER 242-128 (others)
5 crystal controlled transmit and receive channels. 10 tubes, operates from 117 vac, 12 vdc with separate power cords, dual power supply. Receiver selectivity, 6 db down at 5 kc points. Receiver noise figure 10 db. Receiver sensitivity, 0.4 uV. Transmitter tube type in final, 7061. Transmitter tube type in modulator, 12AB5. Minimum output 3 watts. Push to talk operation,

The Most Complete Line of Citizens Band Cables

RG59U, RG58U & RG8UF New Foam Cable

UHF SERIES CONNECTORS, MIL SPEC



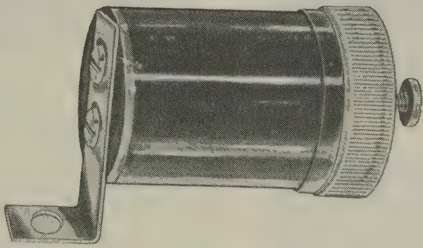
PL259

SO239

UG175 UG176

6M & 11M Generator Filters

Cable Assemblies



PL258

M358

M359

Write for Catalog and Price Information

DEPT. H.Z.

REGO INSULATED WIRE CO.

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ELIMINATE MOBILE NOISE!

The ULTIMATE in motor noise suppression. For generator, regulator, ignition coil. Eliminates noise at the source. No shielding necessary. Pre-tuned. Sealed against moisture, oil, dust. Complete instruction and installation sheet. Field tested and proven outstanding.

The combination of Bartlett Noise Filters and Belden IRS Ignition Cable is the ultimate in motor noise suppression. (Self generated.)

Reg. Std. Filter (R/S) 30 A	$ 2.85
Reg. Heavy Duty Filter (R/HD) 50 A	$ 3.25
Voltage Reg. Ign. Coil Filter (VR/C)	$ 2.25
Kit R/S (Contains 2 R/S and 2 VR/C)	$ 9.95
Kit R/HD (Contains 2 R/HD and 2 VR/C)	$10.45

Add 15c for mailing. In Calif. add 4% tax.

Belden IRS Ignition Cable Kits (standard) — Established Prices. Belden IRS make-up kit for other than standard, send make, year, motor size and/or model. Prices on request.

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GEN. A
FIELD

If not available at your dealer, write to:

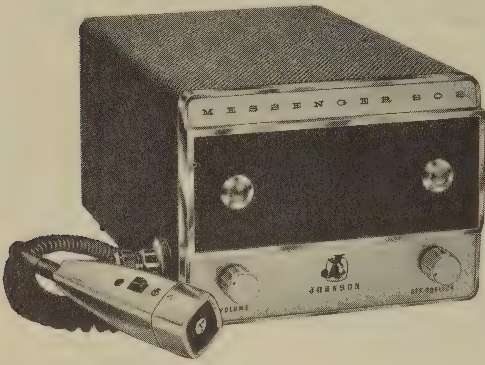
BEN N. BARTLETT CO.

1815 W. 85th St. — Los Angeles 47, Calif.

(Dealer and Distributor Inquiries are Invited)

ANL, AVC, superheterodyne receiver. Size, 5⅝ inches by 7 inches by 11⅜ inches. Unit available from authorized Johnson dealers.

242-128 (117 vac, 12 vdc) $144.95
242-127 (117 vac, 6 vdc) $144.95
242-126 (117 vac only) $134.95



MESSENGER TWO
10 channel crystal controlled transceiver. Illuminated indicator. Receiver selectivity 6 db down at 5 kc points. Receiver noise figure 10 db. Receiver sensitivity 0.4 uV. Minimum output 3.0 watts. Push to talk microphone. Size 5⅝ x7x11⅜ inches. Automatic volume control circuit. Operates from 117 vac/12 vdc or 6 vdc.

MESSENGER TWO $169.95

KAAR ENGINEERING CORPORATION
2995 Middlefield Road
Palo Alto, California

TR327 D-PHONE

D-PHONE
KAAR

4 channel crystal controlled transceiver. 11 tubes performing 18 tube functions. Unit operates from 117 vac, 12 vdc, 6 vdc. Receiver selectivity 6 db down at 6 kc points, 60 db down at 14 kc points. Receiver sensitivity 0.5 uV. Transmitter final tube type 6AQ5. Modulator tube type 6AQ5. Minimum output 3.0 watts. Special power tuning pi network loading, plug in relay. Size, 10¼ inches by 5¾ inches by 8½ inches. Available at Karr dealers.

TR327 D-PHONE $179.00

TR327A
4 channel transmit and receiver transceiver with special broadcast band coverage adaptor. Unit operates from 117 vac, 12 vdc, 6 vdc. Other specifications identical to TR327B, with the additional standard broadcast band coverage feature.

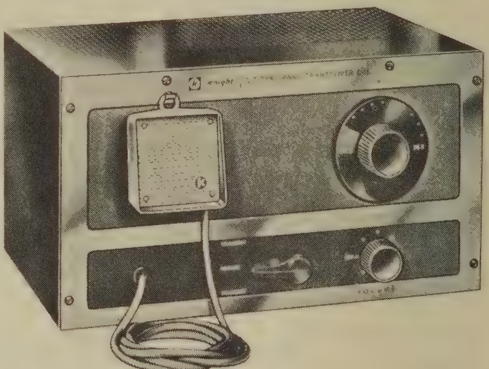
TR327A $199.00

KAAR D-PHONE

TR327B D-Phone
5 crystal controlled transmit channels, 2 crystal controlled receive channels, with tuneable receiver covering all 23 channels. Unit operates from 117 vac, 12 vdc, 6 vdc. Receiver selectivity 6 db down at 5 kc points, 60 db down at 40 kc points. Receiver sensitivity 0.5 uV. Transmitter tube type in final, 6AQ5. Modulator tube 6AQ5. Minimum output 3.0 watts. Includes power tuning pi network loading, plug in relay. Size, 10¼ inches by 5⅜ inches by 8½ inches. Available through Kaar dealers.

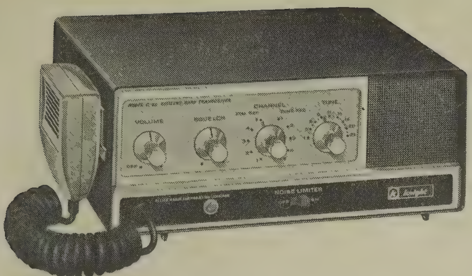
TR327B-D PHONE $189.00

KNIGHTKIT (Allied Radio Corporation)
100 N. Western Avenue
Chicago 80, Illinois



C-11 (kit)
1 transmit channel, tuneable receiver transceiver kit. 5 tubes, including rectifier, performing 8 tube functions. Operates from 117 vac, or from 12 vdc or 6 vdc with $9.95 accessory power supply. Receiver sensitivity 1.25 uV. Kit comes supplied with microphone. Transmitter tube type 6AW8A. Size 6⅛ inches by 11⅜ inches by 7¼ inches. Available from Allied Radio stores, or by mail order.

C-11 .... (kit) $39.95

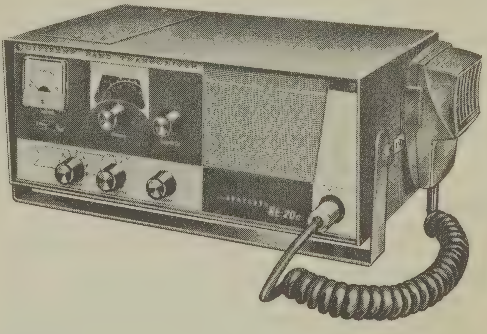


C-22 (kit)
5 crystal controlled transmit and receive channels, 23 channel tuneable receiver. Operates from 117 vac/12 vdc. Receiver selectivity 6.5 kc at 6 db down. Receiver sensitivity 1 uV. 6 tubes, 5 diodes. 6CX8 in final, minimum output 3.0 watts. Size 4½x10¾x10½ inches. Easy to build, kit only, adjustable pi-network output. Available through Allied Radio.
C-22 .... $69.95

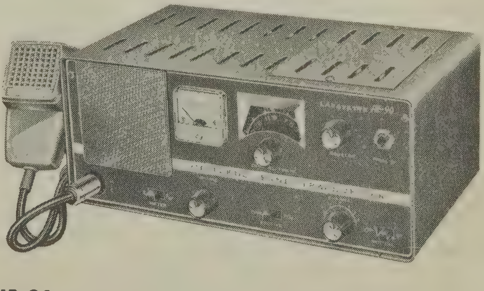
C-27 (kit)
2 transmit channels, 2 receive channels (crystal controlled) with tunable receiver. 11 tubes, including rectifier, performing 18 tube functions. Unit operates from 117 vac, or 12 vdc or 6 vdc with $12.95 accessory power supply. Receiver selectivity 3 kc at 6 db points. Receiver sensitivity 0.5 uV. 6AW8A tube in transmitter final amplifier stage. Size, 5½ inches by 12⅞ inches by 15⅛ inches. Voltage regulated supply for oscillator circuits. Illuminated operating panel. Available at Allied stores or by mail order from Allied.
C-27 .... (kit) $79.95

LAFAYETTE RADIO ELECTRONICS
111 Jericho Turnpike
Syosset, L. I., New York

HE-15B
8 transmit channels, tuneable receiver transceiver. 6 tubes, 3 diodes perform 11 tube functions. Unit operates from 117 vac. Model HE-16W operates from 12 vdc. Model HE-18W operates from 6 vdc. 6AW8 type tube in transmitter final stage. 6V6 type tube in modulator stage. Maximum transmitter output (PEP) 5 watts. Separate power supplies for 117 vac, 12 vdc, 6 vdc. Superheterodyne receiver, variable noise limiter. Size, 10¼ inches by 5½ inches by 6⅜ inches. Unit available at Layfayette dealers and by mail order from factory.
HE-15B $59.95



HE-20C
8 crystal controlled tranmit-receive channels, with tuneable receiver covering 23 channels. 7 tubes, 4 diodes for 14 tube functions. Unit operates from 117 vac, 12 vdc. (6 vdc operation with accessory supply HE-43BWX) Receiver noise figure, 10 db. Receiver sensitivty 1 uV. 6AW8 tube type in transmitter final amplifier. 6AQ5 in transmitter modulator tage. Maximum output (PEP) 5 watts. Size, 12 inches by 5 inches by 8½ inches. Relay switching, squelch, S-meter, ceramic microphone. Available through Lafayette dealers or by mail order from factory.
HE-20C $109.50



HE-90
6 channel crystal controlled transmitter and

db signal to noise ratio. Receiver selectivity, 2.8 kc off channel is 6 db down. Ceramic resonators provide high image rejection ratio. Part 19 operation. eight, 28 ounces. Size, 1⅝ inches by 4 inches by 7¾ inches. Sealed against moisture, weather. Self-contained antenna. Powered by rechargeable nickel-cadmium batteries. Available at dealers.

Duo-Com 120 .... $149.50

100-S "DUO-COM"

Eleven transistor hand held transceiver with 9 transistor dual conversion superhet receiver 3 i.f. stages and 1 r.f. stage, and 2 ceramic i.f. filters to cut down adjacent channel interference. Two transistors in transmitter. Squelch, powered by 8 penlight cells.

100-S "Duo-Com" $119.50

RADIO CORPORATION OF AMERICA
Electron Tube Division
Harrison, N.J.

PERSONAL-COM 300

90 milliwatts input. Impact resistant plastic case. Built in telescoping antenna. Two inch speaker. Provision for plugging in external private earphone. Superhet receiver. Variety of optional accessories available. Rechargeable battery.

300 ....Price not available

RADIO PRODUCT SALES
1501 South Hill Street
Los Angeles 15, California

RAPSCO 900

9 transistor, 1 diode, 1 thermistor pocket size hand held transceiver. Crystal controlled superdown. Sensitivity 1 uV, produces 10 db signal-to-noise ratio. Superheterodyne receiver. 25 mw minimum output. Special emphasis on audio quality for high transient noise level regions. Available only from factory.

PM-A $54.50
Pair- 99.50

ROSS LABORATORIES
Seattle, Washington

MODEL 100 POCKET PAGER

Pocket pager. Extremely compact. Uses no external antenna. 6 transistors plus 1 diode. Crystal controlled super-het receiver.

100 .... $64.50

MODEL 200 POCKET TALKIE

Transistorized handie-talkie with 5 transistors. Super regen receiver. Crystal speaker and mike combination.

200 .... $69.50

MODEL 300 POCKET TALKIE

12 transistors, 2 diodes, noise limiter, squelch control, dual antennas, crystal controlled receiver.

300 .... $124.50

MODEL 400 POCKET TALKIE

Hand sized 1 watt unit. Weighs less than 2 pounds. Operates on rechargeable batteries, or penlight cells. 15 transistors plus 1 diode. Crystal controlled super-het receiver.

400 .... $164.50

THE SAMPSON COMPANY
Communications Equipment Division
Chicago 8, Illinois

FONET 102B

Printed circuit board, 10 transistors, 3 diodes. 240 milliwatts input. Press to talk bar. Built in 51 inch whip. Same specifications otherwise as model 101.

102B ....Price not available

FONET 101

Crystal controlled. Fully transistorized. Aluminum die-cast case. Leather covered case with carrying strap. Power on indicator light to remind you to turn the unit off. 9 transistors, 2 diodes. Single channel. 100 milliwatts. Press to talk bar. 2 inch speaker. 51 inch built in whip antenna.

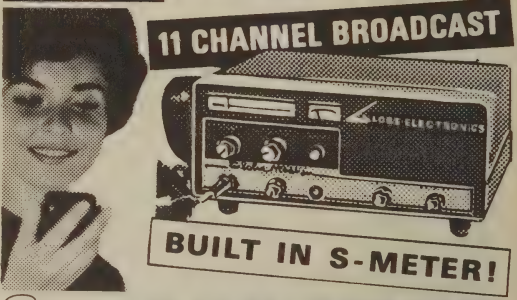
101 ....Price not available

U.S. COMMUNICATIONS CORP.
Hollywood, California

"PAGEFONE"

One-way paging receiver for plant applications where 'calling' systems are needed. 9 transistor, 1 diode, 1 thermistor superhet receiver with 3 i.f. stages. Powered by low-cost 9 volt battery with life in excess of 9 hours. Unit is available for any of the Part 19 channels.

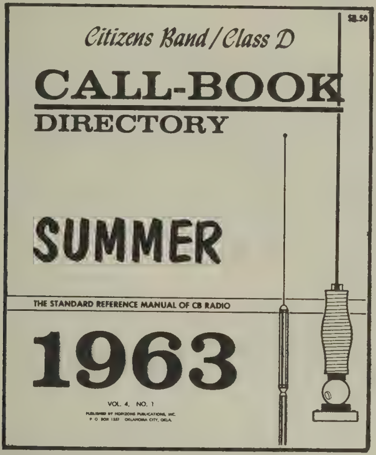
"Pagefone" $49.50



GLOBE ELECTRONICS
22 CHANNEL RECEPTION!
Sweet Talking... MASTER
CITIZENS BAND TRANSCEIVER
Dual conversion, superhetrodyne circuitry, super sensitivity, superb selectivity, a whisper quiet squelch circuit, spot switch for "zero beating" and many more features add up to the greatest CB Transceiver on the market. An excellent base station unit, a brilliant mobile performer. See it today and let your eyes and ears be the judge.
Model No. 65-220 — 110 V AC, 12 V DC
CB Net . . . 229.95
GC ELECTRONICS CO., 400 S. Wyman, Rockford, Illinois

DID YOU RECEIVE YOUR CB LICENSE BETWEEN DECEMBER 15, 1962 AND JUNE 15, 1963?

Don't feel alone friend. Nearly 100,000 others fell into the same trap. The CB boosters have been really boosting in the past six months!



$3.50

Citizens Band / Class D

CALL-BOOK
DIRECTORY

SUMMER

THE STANDARD REFERENCE MANUAL OF CB RADIO

1963

VOL. 4, NO. 1
PUBLISHED BY HORIZONS PUBLICATIONS, INC.
P. O. BOX 1557 OKLAHOMA CITY, OKLA.

YOU can have a permanent record of these new licensees, with their call letters, names, and addresses, in the form of your own personal copy of the **Summer Edition 1963 CB Call-Book** publication. It's the only way of knowing where all of those new CB calls you hear on the air are located. And it is only $3.95 per copy!

This Summer's Call-Book is the best ever. Much larger type face, only two columns of listings per page. New improved sturdier binding method, more durable cover and whiter paper.
It all adds up to the most valuable CB reference manual ever!

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P.O. Box 1557, Oklahoma City 1, Okla.

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ECI-Courier, Antenna Specialists, Newtronics, Gold Line, B & W. Dealers invited. Open 9 to 9 Mon.-Fri., 9-6 Saturday. Service work for Couriers.

10-4 CB CENTER
139 Ewingville Road
Trenton 8, N.J.

CB IN MASSACHUSETTS

Globe, Pearce Simpson, Utica, ECI-Courier, Dewald, Cadre. Service and installation work close by. Wholesale and retail. 1W2538 standing by channel 6. Drop by 9-5:30 Mon. to Saturday.

BURNS ELECTRONIC SUPPLY CO.
349 Kempton Street
New Bedford, Massachusetts

FACTORY SERVICE IN N.J.

Sonar, Courier, Executive, Hammarlund, Hallicrafters, Raytheon, EICO, Sony gear. Antennas and accessories. 2Q0352-2Q1536 stands by Channel 11.

Lyndhurst Camera House
213 Stuyvesant Ave., Lyndhurst, N.J.
Open 9 to 6:30, Fridays to 9 P.M.

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International Executives, Utica Town & Country, E. F. Johnson Messengers, Antenna Specialists, Hy-Gain and J. K. Crystals. Service work, installations and a full line of accessories. Open 8 A.M.-5:30 P.M., Monday through Saturday.

Communication Electronics, Inc.
4007 N. Pennsylvania
Oklahoma City, Oklahoma
10W3541 on channels 9, 11

CB RADIO FOR TENNESSEE

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Russ Helen's CB Center
1481 Florida St., at Parkway
Memphis, Tennessee

CB RADIO for the BAY AREA

Cadre, ECI, General, International, E. F. Johnson, PR crystals, Master Mobile, Hy-Gain lines. Service and installation. Open 9-6 Tues., Thur., Sat.; 9-9 Mon., Wed., Friday. 12W3104 stands by on 3.

Victor Electronics
3519 MacArthur Blvd.
Oakland, California

CB FOR SOUTHERN CAL

General, Gonset, Kaar, Antenna Specialists, Hy-Gain, Master Mobile Service and installation work. Tuesday thru Saturdays, 10-6. 11W4171 stands by on channel 6.

Citizens Communication Center
1872 Santa Fe Avenue
Long Beach 10, California

WHOLESALE ON ALL BRANDS

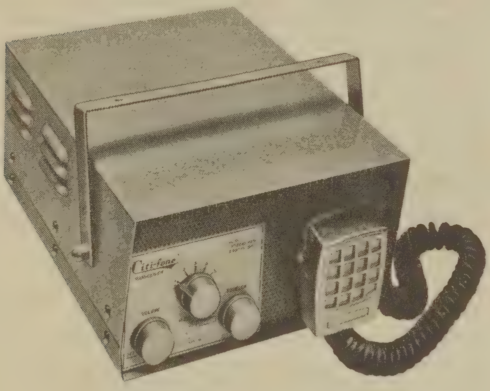
Direct to dealers and industrial accounts. We handle every known major brand of CB radio, antenna and accessory. We do service and installation work for Los Angeles area CB'ers. Open 8:30 to 5 P.M. six days per week. 11W7159 on channel 1.

Radio Product Sales
1501 So. Hill Street
Los Angeles 15, California

ly coupled tuned circuits for maximum rejection of adjacent channel signals. Superheterodyne receiver circuit. Receiver produces 10 db signal to noise ratio with 0.25 uV signal. Transmitter final amplifier tube type 6CL6. Modulator tube 12AX7. Minimum transmitter output, 3.5 watts. Panel meter permits complete tune-up, shows percent of modulation and receive signal strength. Size 10½ inches by 10¼ inches by 5⅜ inches. Unit available from dealers and at factory.

CR117/12 .... $198.50

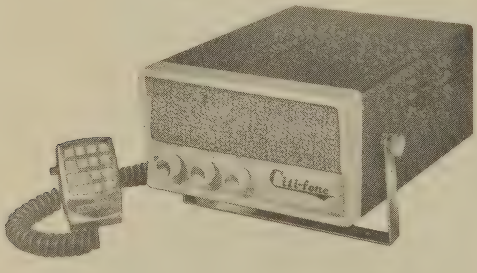
MULTI-ELMAC COMPANY
21470 Coolidge Highway
Oak Park 37, Michigan



CD-5

5 channel crystal controlled transceiver. 9 tubes, 4 diodes totaling 12 tube functions. Unit operates from 117 vac, 12 vdc, 6 vdc. Receiver selectivity 3 kc at 6 db down. Receiver sensitivity 0.5 uV. Transmitter tube type 6AQ5. Modulator tube type 6AQ5. Unit features "high efficiency class C amplifier," noise immune squelch, ruggedized construction. Size, 8 inches by 4¼ inches by 11 inches. Available at dealers.

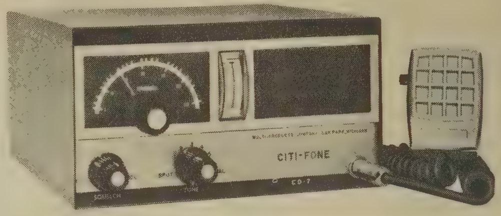
CD-5 .... $134.50



CD-6

5 channel crystal controlled transceiver. 9 tubes, 4 diodes performing 12 tube functions. Unit operates from 117 vac, 12 vdc, 6 vdc. Receiver selectivity 3 kc at 6 db down. Receiver sensitivity is 0.5 uV. Transmitter final amplifier tube 6AQ5. Modulator tube 6AQ5. Features high efficiency class C rf amplifier circuit, deluxe styling, hermetically sealed relay, electronic antenna switching, fully adjustable pi tank circuit for antenna loading. Available from dealers. Size, 8 inches by 4¼ inches by 11 inches.

CD-6 .... $149.50

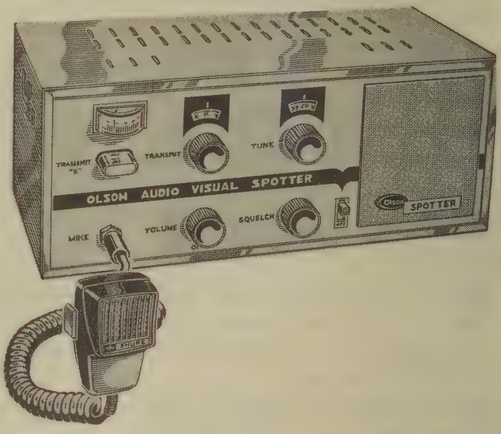


CD-7

5 crystal controlled transmit-receive channels with tuneable receiver covering 23 channels. 9 tubes, 3 diodes performing 12 tube functions. Unit operates from 117 vac, 12 vdc, 6 vdc. Receiver selectivity 3 kc at 6 db down. Receiver sensitivity 0.5 uV. Transmitter tube type 6AQ5. Modulator tube type 6AQ5. S meter, crystal spotting, earphone jack, functional styling. Size, 9 inches by 10 inches by 4¾ inches. Available from dealers.

CD-7 .... $189.50

OLSON ELECTRONICS INCORPORATED
260 South Forge Street
Akron 8, Ohio



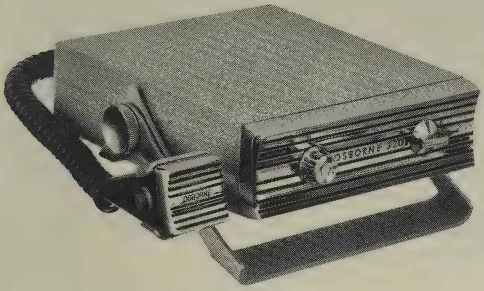
RA-530

12 channel crystal controlled, tuneable receiver-transceiver. 9 tubes, 4 diodes perform 19 tube functions. Unit operates from 117 vac, 12 vdc, 6 vdc. Receiver selectivity 6 db down at 3.5 kc. Receiver sensitivity 3/10 uV. 6CX8 tube in final amplifier. 6AQ5 tube in modulator. 3 watts minimum output. Crystal spot switch, S meter and modulation indicator, crystal socket on front panel, dual conversion superheterodyne receiver. Size, 7 inches by 12½ inches by 4⅛ inches. Unit available at Olson stores or through mail order.

RA-530 .... $119.95

OSBORNE ELECTRONICS CORPORATION

13105 S. Crenshaw
Hawthorne, California



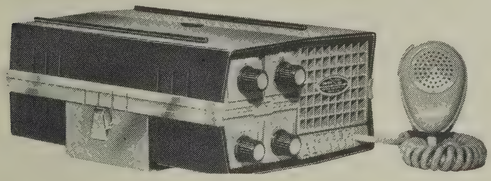
320

4 channel fully transistorized transceiver with 5 watts input. 7 transistor superheterodyne circuit with noise limiter. Squelch, 2 i.f. stages, ceramic filter for added selectivity. Operates from 117 vac, 6/12/24/32 vdc with optional power converters. Sensitivity 10 db signal to noise plus noise with less than 1 uV input. Selectivity 2.6 kc at 6 db down. Adjacent channel protection 50 db. Minimum output 3.2 watts. Weighs 4¾ pounds. Size 1⅞x6x7 inche. Push to talk microphone.

320 .... $179.50

PEARCE SIMPSON, INCORPORATED

1385 NW 27th Avenue
Miami 35, Florida



"Companion"

5 transmit and receive channels, crystal controlled. Tuneable receiver. 7 tubes, 3 diodes performing 14 tube functions. Unit operates from 117 vac, 12 vdc. Receiver selectivity 14 kc at 60 db down. Receiver sensitivity 0.5 uV. 1 uV produces 10 db signal to noise ratio. Transmitter final amplifier tube type, 6CZ5. Modulator tube 12AB5. Minimum output 3 watts. Transistor power supply. Size, 5 inches by 9 inches by 12 inches. Unit available from dealers, factory.

"Companion" $189.50

"ESCORT"

8 channels crystal controlled on transmit and receive, plus 23 channel tuneable. S meter, crystal spotting switch, output indicator. Ceramic plug in microphone. Transistor power supply. Minimum output 3 watts. 100 percent modulation limiting. Illuminated colored channel indicators. All aluminum construction, noise limiter switch, cradle mounting. All tune up controls including receiver RF peaking available on back panel. Accessory socket for speaker. Voltage, current metering jack for final. Reverse polarity protection. 9 tubes, three diodes.

ESCORT .... tentative price $229.95

PHILMORE MANUFACTURING COMPANY, INC.

130-01 Jamaica Avenue
Richmond Hill 18, New York

TC-11, TC612

Kit transceiver with 3 transmit/receive channels. Receiver is superregenerative with single r.f. stage. 5 tubes, with 6AU8 in transmitter final amplifier stage. Front panel transmit/receive switch, built-in TVI filter. Kit only.

TC11 (117 vac) $34.95
TC612 (6/12 vdc) $44.95

POLYTRONICS LAB INC.

388 Getty Avenue
Clifton, N.J.

POLYTRONICS

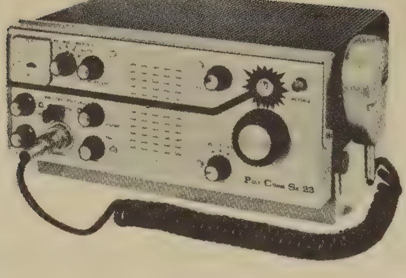
POLY-COMM "N"

8 channel crystal controlled ruggedized transceiver with Nuvistor r.f. stage for excelled unit sensitivity and signal-to-noise ratio. Unit sensitivity, 0.1 uV provides 6 db signal to noise ratio. Signals as weak as 0.04 uV are detectable. Dual conversion receiver. Selectivity 8 kc at 6 db points. AGC operative between 3 and 5 uV. Squelch has adjustable trip point from 5 uV to 30 uV input. Series gate type noise limiter.

POLY-COMM "N" $199.50

SR-23

23 channel transmitting and receiving. 23 channel frequency synthesizing circuit. Tone call system. Night volume control for quieting-alerting. Message light working with tone call system advises a message has been called in. Dual conversion superheterodyne receiver. Nuvistor r.f. stage, mixer stage. Variable depth noise limiter,



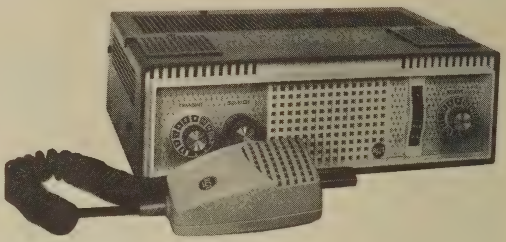
illuminated S meter, adjustable modulation. Sensitivity of receiver, 0.15 uV for 10 db signal to noise ratio. Receiver selectivity, 8 kc at 6 db points. AGC controls audio output within 4 db from 3 uV of signal to .1 volt. Squelch activates at 0.1 uV. 6BQ5 type tube in transmitter final, modulator stages. 16 tubes and 7 diodes. Public address output jack for 5 watts of audio output. Push to talk microphone, ceramic. Electronic switching. Size, 12 inches by 8½ inches by 4½ inches. Weight 13¾ pds.
SR-23 .... $349.50

POLY-COMPACT

POLY-COMPACT
4 channel crystal controlled. Electronic switching, floating series gated automatic noise limiter. Illuminated S meter. Features 4 new Compactrons and two beam tetrodes for 14 tube performance. Operates from 117 vac/12 vdc. Size 5x6½x11 inches. Ceramic microphone, plug in. Steel case for ruggedability.
POLY-COMPACT $149.95

POLY-COMM 'PRO'
24 channel crystal controlled transceiver with extra channel provisions for CD or CAP use. All Nuvistor receiver front end, Nuvistor mixer, separate Nuvistor crystal and tunable oscillators. 'Q' multiplier at 455 kc i.f. with separate peak and null controls. Primary AGC to prevent cross modulation and over-load. Illuminated meter reads modulation, RF output, audio output and receive signal strength. Crystal spotting. Public address system operation. Tuneable pi-network output. Separate tuning and loading controls. Dual conversion. 20 tube performance. 0.1 uV for 6 db signal to noise ratio. 3.5 watts minimum output. Operates 117 vac/12 vdc.
POLY-COMM 'PRO' $269.50

RADIO CORPORATION OF AMERICA
Meadow Lands, Pennsylvania



MARK VIII
9 crystal controlled channels on transmit and receive. Tuneable receiver for all 23 channels. Built-in 117 vac power supply. Optional 12 vdc or 6 vdc power supplies available. 3.0 watts nominal output. Superhet receiver with 1 rf stage and two i.f. stages. Automatic volume control. TVI trap to reduce television interference. Pi-network output. Electronic switching. Audio output 2.5 watts. Push to talk ceramic microphone. Metal cabinet with plastic face plate. Tuneable receiver dual calibrated in channel numbers and actual frequency. Size, 3½x11¼x8 inches. Six or 12 volt DC supplies available for $19.95 each. Available through dealers.
MARK VIII $149.95

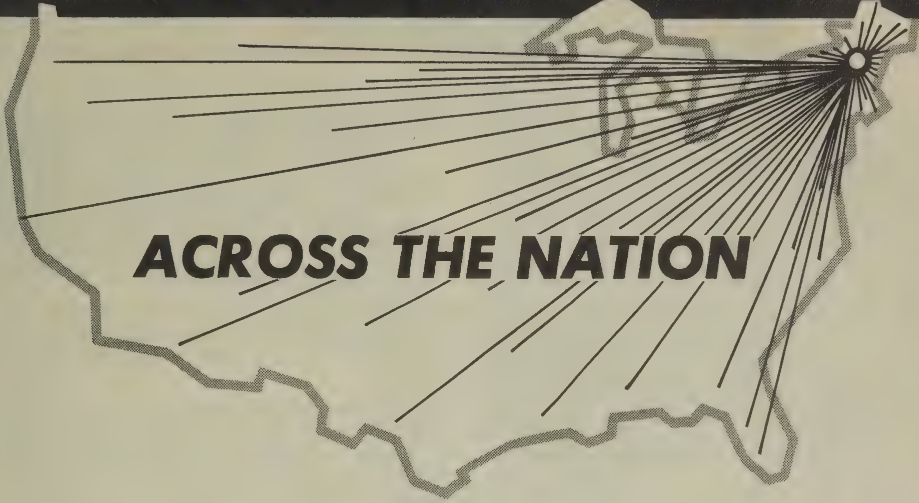
RADIO ELECTRONICS DESIGN
215 S. Main Street
O'Fallon, Missouri

10-2
6 channel crystal controlled transmitter and receiver, no tuneable. 7 tubes, 5 diodes. 17 tube functions. Operates 117 vac/12 vdc/6 vdc. Receiver selectivity 6 db down at 6 kc. Sensitivity 0.5 uV. Transmitter final 6CX8, minimum output 3 watts. Heavy chassis for commercial use. Unitized construction and balanced squelch circuit. Available through dealers, some dealerships still available.
10-2 .... $159.95

RADIO SHACK CORPORATION
P.O. Box 309
Boston, Massachusetts

TRC-8
8 channel crystal controlled transceiver with 23 channel tuneable receiver. Dual conversion receiver, noise limiter, tuned RF stage receiver. Combination 'S' and 'RF' meter. Pi-network

BROWNING CB EQUIPMENT NOW AVAILABLE AT MORE THAN 100 FRANCHISED SERVICE CENTERS



Browning Service Centers are operated by conscientious people who have a sincere interest in Citizens Band Radio. They are at your service to provide you with spare parts, repairs and Browning equipment sales. We invite you to visit your Browning Service Center soon and see the complete line of CB base station and mobile equipment on display. *Please write us for the name of the one nearest you.* If there is no Service Center in your area, we will be happy to fill your requests direct from the factory. Remember: Investigate before you invest. It will pay you to learn all the facts about Browning *before* you buy any CB radio equipment!

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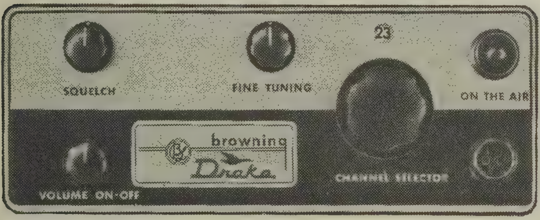

New Browning Drake M-523
all-channel CB mobile transceiver.
Actual Size: 8" x 9" x 3" small

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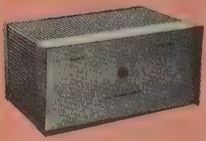


TRAVELIER TRANSCEIVER

TRAVELIER
transceiver

Transmitter:
- 23 channel crystal controlled
- Power Output: 3.25 watts minimum

Receiver
- 9 tube superhet circuit with RF stage
- Sensitivity: .1 microvolt for a 6 db down signal-to-noise ratio
- 23 channel variable control

SATELLITE
base station

Transmitter:
- 23 channel switching — Channel 9 crystal supplied
- Cathode-ray modulation indicator
- 5 tubes plus 3 silicon diodes
- 5 watt input—100% Heizing modulation

Receiver
- .1 microvolt sensitivity cascode amplifier
- Dual conversion IF — 10 mc. and 455 kc
- Highly readable 2½" square "S" meter with front panel zeroing control
- Local-distance switch with audio compressor position to prevent overload from nearby stations
- 5 fixed receive channels with band-spread tuning and overall 23 channel continuous tuning
- 14 tube performance with 8 tubes and 5 diodes

Power SWR Meter:
- Measures RF power output into dummy load (52 Ohm)
- Measures maximum forward antenna current for antenna tuning — used in conjunction with reverse position — measures relative standing wave ratio (SWR)

DEMCO *Presents*

the all new TRAVELIER *transceiver*
the exclusive SATELLITE *base station*

Only Demco offers you a complete true Base Station and a new Mobile rig that has everything. Outstanding Demco quality is the result of specialization by the country's leading electronic experts in the CB field!

The Satelite Base Station will set you apart from your CB friends and will give you pride of ownership and performance no other set can match. A separate transmitter, receiver, speaker, and meter add a greater degree of versatility and accuracy in your communication.

The Satelite Power Modulator, a compression audio amplifier, greatly increases your talk power when used with the Satelite Base Station or most other CB radios.

The unique Travelier Transceiver gives you extra sensitivity, 100% modulation, more projection and range. Beautifully styled, yet rugged and functional, the Travelier offers everything for the discriminating CB'er — including the new and exclusive "Audio Spotter" and "Noise Limiter."

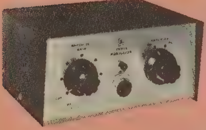
A matching AC Power Supply converts your Travelier to Base in a matter of seconds!

Free Brochures: For complete specifications and schematics of the exciting new Travelier Transceiver and Satellite Base Station, write to:

Exciting New Ideas . . . from

DEMCO
ELECTRONICS, INC.
Bristol, Indiana

SATELLITE
POWER MODULATOR

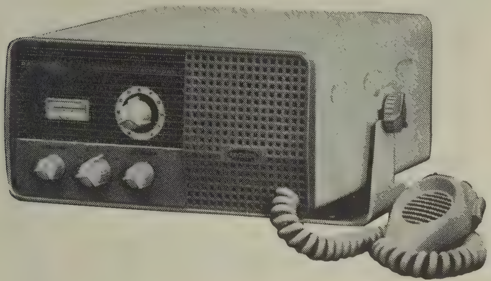


SATELLITE
BASE STATION

loading control and a plug-in provision for Monocall selective calling device. Available as a kit or in wired form.

TRC-8 .... (kit) $ 98.96
TRC-8 .... (wired) $125.96

RAYTHEON COMPANY
213 E. Grand Avenue
South San Francisco, California



RAYCOM II

10 channel crystal control on transmit and receive with 23 channel tuneable receiver. 7 tubes performing 13 tube functions. Operates 117 vac/12 vdc. Receiver selectivity 6 db down at 4.7 kc or 40 db down at 17 kc. Receiver sensitivity 0.3 uV. 12AB5 tube in final providing minimum output of 2.8 watts. Unit is unique in that it requires only a single crystal per channel for transmit and receive. Size 9½x5¼x11½ inches. Available from dealers. Equipped with channel 11 crystal at factory.

RAYCOM II $220.00

RAYTEL TWR-2

5 crystal controlled transmit/receive channels. Unit has 10 tubes, 1 diode, performing 14 tube functions. Unit operates from 117 vac, 12 vdc, 6 voc. Receiver selectivity 6 kc at 6 db down, 22 kc at 60 db down. Receiver sensivity 0.34 uV. 6CX8 type tube in transmitter final amplifier stage. 6AQ5 modulator tube. Minimum power output 2.9 watts. Size, 9½ inches by 5 inches by 9¼ inches. Unit available from dealers.

RAYTEL TWR-2 .... $159.95

TWR-3

10 channel transmit and receive with solid state frequency synthesizer allowing one crystal to be utilized for transmit and receive. Also equipped with 23 channel tuneable receiver. S meter indicates percent of modulation and power output also. Minimum transmitter output 3.2 watts. Other data not available at listing closing time.

TWR-3 .... $219.95

REGENCY ELECTRONICS, INC.
7900 Pendleton Pike
Indianapolis 26, Indiana

RANGE GAIN TRANSCEIVER

Unique double sideband reduced carrier (d.s.-b.r.c.) technique permits greater average power output under incorporated sideband technique under 5 watt input provisions. 23 channels transmit and receive. Four way illuminated meter allows determination of received signal strength, transmitter output power, voltage to final amplifier tube and current to final amplifier tube. Latter two required to insure that transmitter controls have not been adjusted to produce more than five watts average power input. Receiver sensitivity 0.1 uV. Vernier tuning for plus or minus 5 kc tuning either side of channel. 60 db adjacent channel rejection. 12 month warranty on unit by manufacturer. Operates 117 vac/12 vdc or 6 vdc. Screw-in ceramic microphone. Size 11x4½x8¾ inches.

RANGE GAIN $250.00

SABOR ELECTRONICS
P.O. Box 38605
Los Angeles 38, California

SB-10A

Unique 23 channel crystal controlled single sideband **and** AM transceiver. Flick of the switch from sideband operation to regular AM operation. 22 tubes, 4 diodes in 26 tube functions. Operates 117 vac/12 vdc/6 vdc. Adjacent channels 50 db down. Receiver sensitivity 1 uV produces 10 db signal to noise ratio. 6CX8 type tube in final, 6GM5 modulator. Minimum P.E.P. output 8.4 watts (4.2 watts DC output). Phasing type single sideband generator. Receiver has BFO. Available from factory or dealers late this summer. Size 10x14x2 inches.

SB-10A $299.50

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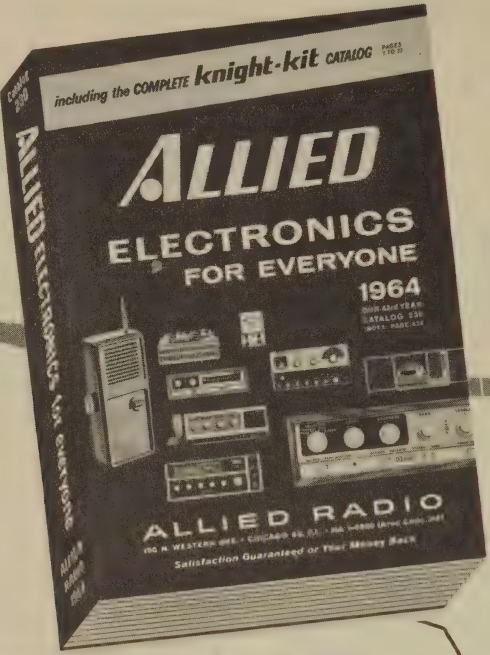
everything in CB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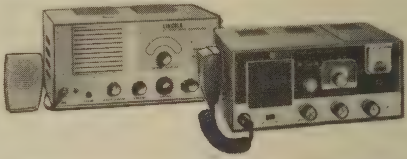

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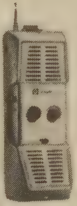

See the top-value CB KNIGHT-KITS! There's nothing comparable to the new low-cost C-555 walkie-talkie, the C-22 deluxe base/mobile CB transceiver, the KG-4000A full 1-watt walkie-talkie, and the popular C-100 Transceiver at only $9.95. Here's quality, dependable CB radio you'll enjoy building and operating—and you'll appreciate the big savings. Fully described in your 1964 ALLIED Catalog—send for it today!

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SONAR RADIO CORPORATION
73 Wortman Avenue
Brooklyn 7, New York

Sonar
MODEL "E"
CHANNELS
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VOLUME
SQUELCH
RECEIVER

MODEL E
8 crystal controlled transmit and receive channels, 23 channel tuneable single conversion receiver. Receiver sensitivity 1 uV provides 10 db signal to noise ratio. Receiver selectivity 6 db down at 3 kc points. ANL, adjustable squelch takes hold at 1 uV signal level. Unit has 9 tubes. 4 diodes. High level class B modulation. High impedance push to talk microphone. Unit operates from 117 vac, 12 vdc. Size, 11¼ inches by 9½ inches by 4¾ inches. S meter kit available as accessory. Available at dealers. 1 Year guarantee.
MODEL E $179.95

Sonar
DOUBLE CONVERSION
MODEL G
MIC.
VOLUME
SQUELCH
TUNING
TUNE
RECEIVER
XTAL
OFF

MODEL G
8 crystal controlled transmit and receive channels, dual conversion 23 channel tuneable receiver. Receiver selectivity 6 db down at 6 kc points. Sensitivity 1 uV produces 10 db signal to noise ratio. ANL, squelch (operates with any signal above 1 uV). Class B high level modulation, 12BH7A modulator. 12AQ5 tube in final amplifier stage. High impedance push to talk microphone. 10 tubes, 5 diodes. 14 tube functions. Size, 11¼ inches by 9½ inches by 4¾ inches. Crystal spotting. 1 Year Guarantee, operates 117 vac, 12 vdc.
MODEL G $229.50

TECRAFT SALES CORPORATION
Box 84
So. Hackensack, New Jersey

Falcon MKV
Four models available as outlined below. MKV-A features 22 channel tuneable receiver, 1 crystal controlled receiver channel, and 5 crystal controlled transmit channels. S and power meter indicator, RF gain control, plus squelch, ANL. 6CL6 tube in final amplifier stage. 6AQ5 in modulator stage. Units operate from 117 vac, 12 vdc, 6 vdc. Model MKV-B is crystal controlled on 5 transmit-receive channels. Model MKV-C is identical to Model 'A' with Twin Noise squelch added (recommended for urban areas). Model MKV-D is identical to Model 'B' with Twin Noise Squelch added. Available at dealers, or from factory in areas where there are no dealers.

MKV-A	$169.95
MKV-B	169.95
MKV-C	189.95
MKV-D	189.95

TRAM ELECTRONICS INC.
Box 187
Winnisquam, New Hampshire

TRAM-8 (TR-70B)
8 transmit and receive channels (crystal) with 23 channel tuneable receiver. 12 tubes, 5 diodes performing 17 tube functions. Operates 12 vdc/6vdc. Receiver selectivity 5 kc at 6 db down. Receiver noise figure 2 db or better. Adjacent channel rejection 60 db down. Receiver sensitivity 0.1 uV for 100 milliwatts of audio. 5763 tube in transmitter final. Minimum output 3.5 watts. Size 5⅝x11x9 inches. Available from factory or dealers.
TRAM-8 .... $246.50

This Summer's CB Call-Book is the BEST!

and here's why...

With each and every issue of the CB Call-Book (a listing of CB'ers granted licenses by the FCC, by numerical call number designation, name and address) we make a conscientious effort to improve our product. Frankly, we were not completely pleased with the January effort, So we've acquired new printing means, new name-listing equipment and we've expanded our listings to only *two columns of listings per page!* This means every listing is 50% larger, 100% more readable! and We are using whiter paper and blacker ink. Approximately 80,000 CB licenses were granted from mid-December, 1962 through mid-June 1963. You'll find these new CB'ers listed in this Summer 1963 CB Call-Book. Here's a small portion of a page from the new Summer edition, *actual size.* See how much more readable this is!

CB HORIZONS—The Nation's CB Radio Magazine!

KBB0502	CARMEN PAGLIARE	785 REVERE BEACH	REVERE 51	MASS
KBB0503	LEONARD PAGLIARO	35 OAK ISLAND ST	REVERE 51	MASS
KBB0504	TWIN INC	211 NORTH ST	NORTHAMPTON	MASS
KBB0505	LLOYD F ELLIS	ROUTE 1	MAPLETON	ME
KBB0506	THOMAS E HOUGHTON JR	RT 1	FT FAIRFIELD	ME
KBB0507	DONALD A BURSTEIN	435 TRAFTON ROAD	SPRINGFIELD 8	MASS
KBB0508	LAUREL G BICKFORD	15 1*2 COLLEGE AVE	WATERVILLE	ME
KBB0509	HAROLD L DAVIS	BOX 21 WILSON RD	POWNAL	ME
KBB0510	EDWARD A COBB	24 PENNSYLVANIA AV	PROVIDENCE 5	RI
KBB0511	DELMONT L LAFERRIERE	RFD 2 BOX 13	FT KENT	ME
KBB0512	GREGORY W THOMAS	116 HICKOK RD	NEW CANAAN	CONN
KBB0513	ROBERT L GOODRICH	101 BROMFIELD RD	SOMERVILLE 44	MASS
KBB0514	ROBERT WALKER	9 KEPLER ST	PROVIDENCE	RI
KBB0515	FRANCISCO GAGLIARDI	1050 CHOPSY HILL	BRIDGEPORT 6	CONN
KBB0516	THOMAS E ANDREWS	35 WILLIS ST	PITTSFIELD	MASS
KBB0517	IRWIN H LAURENCELLE	44 PHILIP HENRY CR	WINDSOR	CONN
KBB0518	MILTON F PIERCE	GILLESPIE COURT	COVENTRY CTR	RI
KBB0519	LAWRENCE W CRANE JR	RFD 3 BOX 161	GALES FERRY	CONN
KBB0520	BYRON A DELISLE	RICHARDS ROAD	BROOKFIELD	CONN
KBB0521	MICHAEL T MINESVICH	14 MARION ST	LYNN	MASS
KBB0522	WALTER L MARSTON	36 BELGRADE AVE	OAKLAND	ME
KBB0523	EDWARD W ANTOSH	GORTON ST	E PEPPERELL	MASS
KBB0524	JOHN R SEHANA	19 BOLSTER ST	EVERETT 49	MASS
KBB0525	JEWETT X SON	63 GARFIELD ST	LACONIA	NH
KBB0526	CHARLES P VIVENZIO	38 KNOX ST	LAWRENCE	MA
KBB0527	THOMAS POLEET	159 BOYLSTON ST	BOSTON 30	MA

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Warren Radio Co., Lima
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Miley's 2-Way Radio Sales, Mansfield
Bell Radio & Supply, Marion
Winterradio Electronic Supply, Parma
Johnnie's Radio & TV, Newton Falls
Lafayette Radio-Electronics, Steubenville
Good Housekeeping Shop, Toledo
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Lafayette Radio-Electronics, Wilkes Barre
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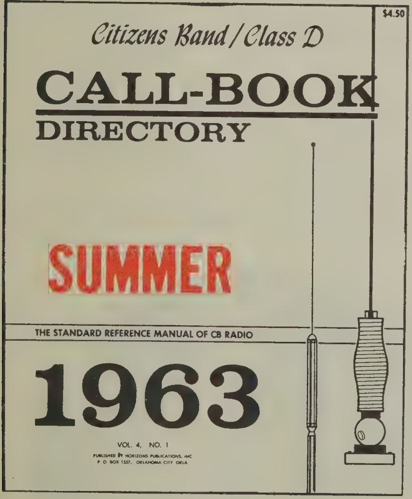

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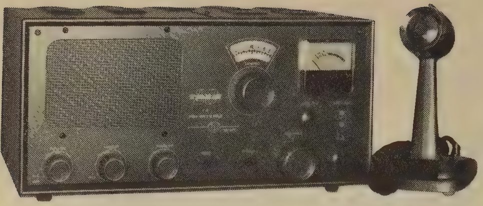


TRAM-23 (TR-27C)
Base station features 23 crystal controlled transmit channels, 23 channel tuneable receiver. On crystal receive channel using external crystal socket. Operates 117/vac. Receiver selectivity 5 kc at 6 db down. 2 db noise figure. Adjacent channel rejection 60 db. Sensitivity 0.1 uV for 100 milliwatts of audio output. Minimum transmitter output 3.5 watts. Size 7¼x5½x9¾ inches. Keyed audio compression, crystal spotter switch. Available from factory or dealers. Price includes crystals.
TRAM-23 .... $320.00

TRAM-23 (TR-70C)
23 channel crystal controlled mobile transceiver, with one external crystal socket for crystal controlled receive channel. Operates 12/vdc or 6/vdc. Same general specifications as TR-70B.
TR-70C $288.00
(price includes crystals)

TRAM-8 (TR-27B)
Base station featuring 8 crystal controlled transmit and receive channels, tuneable receiver. Operates 117/vac. Same general specifications as TR-27C mobile.
TR-27B $265.00

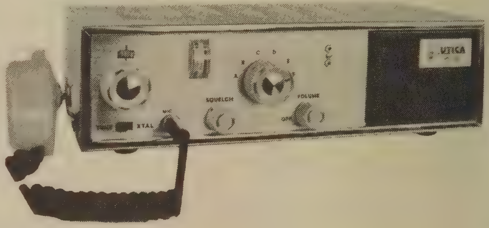
TRANSISTOR COMMUNICATIONS, INC.
3252 F Street
San Diego 2, California

TC-11
All transistorized five channel transceiver using circuit board construction. All semi conductor design. Squelch, S and RF meter. Operates 12 vdc. 117 vac operation with external supply, approximately $20.00. Measures 7½x7½x2¼ inches. Weighs 3½ pounds. 14 transistors, 5 diodes. Uses Clevite ceramic filters for 50 db adjacent channel rejection. Draws ¼ amp on receive, 1.2 amps on transmit. Available through dealers.
TC-11 .... $169.50

UTICA COMMUNICATIONS CORP.
2917 W. Irving Park Road
Chicago 18, Illinois

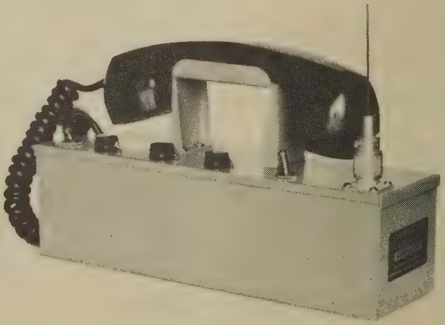
MC-27
6 channel crystal controlled transceiver. Double conversion superheterodyne receiver, 10 tubes in entire unit equals 13 tube functions. Crystal controlled first and second conversion oscillators, double gated noise suppression system, automatic volume control and sensitive squelch circuit. Transmitter final tube, 6CX8. Audio output to 3½ inch speaker, 2.5 watts. Press to talk ceramic microphone, coiled cord. Unit operates on 6 vdc, 12 vdc, 117 vac with separate power cords. Triple plated chrome finish for fixed or auto installation.
MC-27 .... $179.50

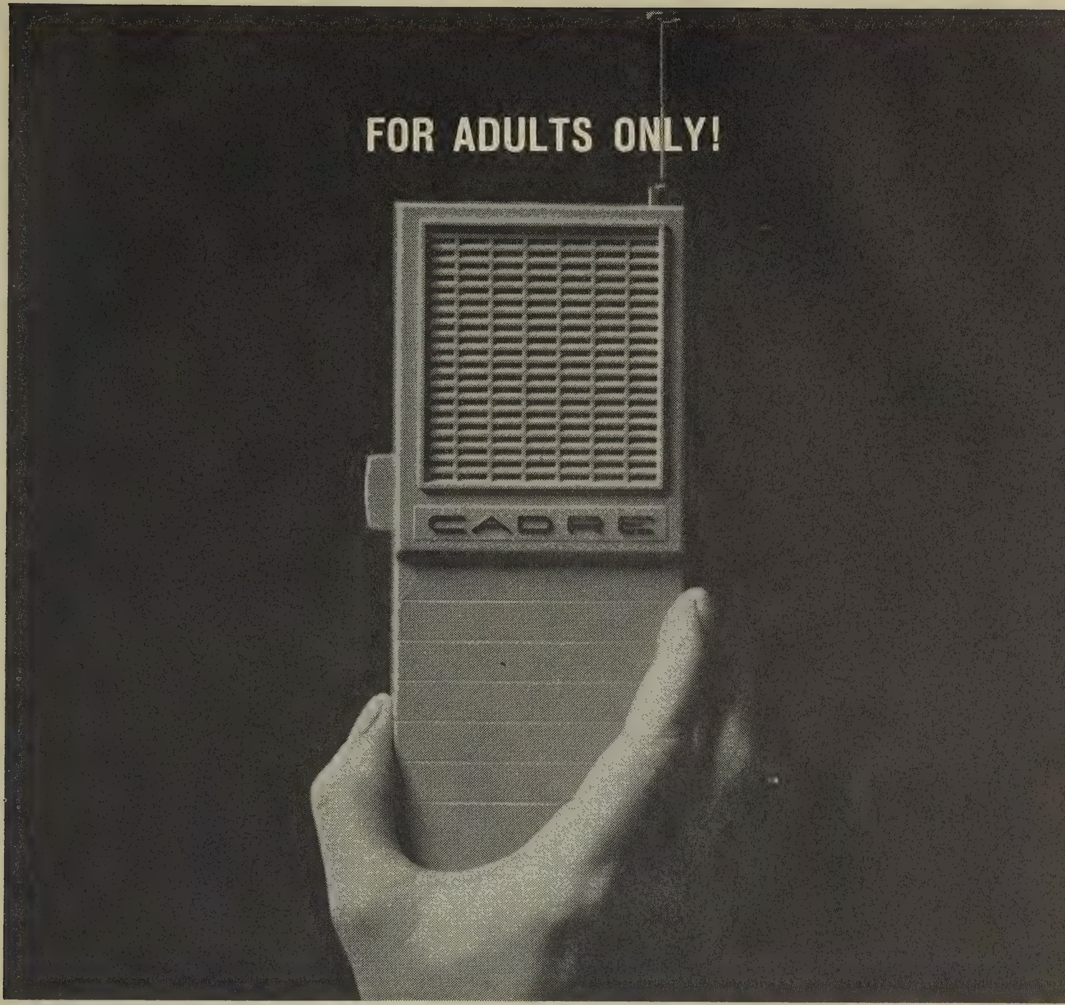
MC-27
SQUELCH
VOLUME



T & C II
6 crystal controlled transmit-receive channels plus tuneable receiver covering all 2 channels. Calibrated S meter and audio-power output meter. Dual conversion superheterodyne receiver, 10 tubes in 13 tube functions. Automatic volume control, double gated noise suppression system, sensitive squelch circuit. Transmitter final tube, 6CX8. Unit operates on 6vdc, 12 vdc, 117 vac with separate power cords.
T & C II $199.95

VANGUARD ELECTRONIC LABS
190-48 99th Avenue
Hollis 23, New York





NEW CADRE C-75 CB TRANSCEIVER

The new Cadre C-75 1.5-watt, 2-channel transceiver is 15 times too powerful for youngsters (under 18 years of age) to operate, according to FCC regulations. Clearly, it's not a toy. It's designed for serious CBers who need 'big set' performance that can be used conveniently anywhere.

The new C-75, weighing less than 2 lbs; provides clear, reliable 2-way communications up to 5 miles and more. All solid state design creates an extremely rugged transceiver to absorb rough handling, stays on frequency. Two crystal-controlled channels spell perfect communications contact everytime. Sensitive superhet receiver (1μv for 10 db S/N ratio) brings in signals in poor reception areas. Powerful transmitter has one watt output to the antenna. Adjustable squelch silences receiver during standby. AGC assures proper listening level. In a word, the C-75 has all the features you'd look for in a quality full size CB unit.

The C-75 has all the portable conveniences you'd want, too: operates on alkaline or mercury penlite cells (8-hour rechargeable nickel-cadmium battery available); earphone and antenna jacks; built-in retractable antenna; jack for base operation while recharging.

Use the Cadre C-75 anywhere in the field, for vehicle, office, boat or plane. Use it constantly too, because its all-transistor modular circuit (11 transistors and 2 diodes) is virtually maintenance free. $109.95. Recharger and 2 nickel-cadmium batteries $31.85.

FOUR CADRE 5-WATT ALL-TRANSISTOR TRANSCEIVERS

5 crystal-controlled transmit and receive positions; automatic gain control, maximum receiver sensitivity; built-in squelch and noise limiting are just a few of the features.

CADRE 510 Features variable tuning in addition to crystal control. Power supply for 110 AC and 12 volt DC. $209.95

CADRE 515 Has a power supply for 110 volt AC and 12 volt DC. 5 crystal-controlled channels. $194.50

CADRE 520 For DC mobile operation and fleet use. $187.50

CADRE 525 In portable case with built in battery power supply, recharger, AC cord, telescoping antenna. $269.95

Ready for CB? It makes sense to go CB with Cadre. See your Cadre distributor or write:

CADRE INDUSTRIES CORP. ☐ COMMERCIAL PRODUCTS DIVISION ☐ ENDICOTT, NEW YORK ☐ AREA CODE 607, 748-3373
Canada: Tri-Tel Assoc., Ltd., 81 Sheppard Ave. West, Willowdale, Ont. Export: Morhan Exporting Corp., 458 Broadway, New York 13, N. Y.

Mark 1, Mark 2
100-150 milliwatt portable radiophone. 6 transistors, 4 channels crystal control on transmit. Receiver covers 26.9 to 29.5 megacycle range. Receiver sensitivity 4 uV. 24 inch center loaded stainless steel whip. Telephone handset. Weight, 4 lbs. Size, 11 inches by 3¼ inches by 6½ inches. Epoxy spray coating for weatherproofing. 5 year guarantee with each unit. Model Mark 1 is superregenerative receiver. Model Mark 2 features 200-800 milliwatts power input, crystal controlled superheterodyne receiver with variable tuning, sensitivity of less than 1 uV

Mark 1	$59.98
Mark 2	$79.98

VOCALINE CORPORATION OF AMERICA
Old Saybrook, Connecticut

ED-27M
10 tube 4 channel, crystal controlled, transceiver. 17 tube functions. Receiver selectivity 6 db down at 4 kc points. Receiver sensitivity 0.3 uV. 5763 type tube in transmitter final. 6BQ5 in transmitter modulator. Minimum output, 3 watts. Unit operates from 117 vac and 12 vdc, or 117 vac and 6 vdc. Size, 5¼ inches by 9¼ inches by 8¼ inches. Available at dealers.

ED-27M	$189.50

controlled receive channels, with tuneable receiver. Front panel crystal socket for transmitter. 3 tubes, 8 diodes, 22 transistors. Unit operates from 117 vac and 12 vdc. Receiver selectivity 50 db down at 6 kc points. Sensitivity 0.1 uV. Transmitter final tube type 6417. Minimum output, 3.0 watts. 3 stage AGC, double conversion superheterodyne receiver. Dust covered relay, waterproof speaker. Ceramic trans-filters for high receiver selectivity. Transistorized power supply. Built in S and RF meter, fine tuning receiver control for crystal controlled channels. Special power saving low drain switch to cut down power drain on stand-by.

ED-276	$249.95

PT-27
18 transistors, 5 diodes, 1 watt four channel hand carried transceiver. Tuneable CB receiver, plus tuneable broadcast band coverage. Self contained battery supply, or 12 vdc operation. Rechargeable battery supply. Sensitivity control on squelch, noise limiter for CB and broadcast band. Lightweight aluminum construction. Self contained whip or connection to auto or fixed station antenna system. Double conversion superheterodyne receiver. 0.1 uV sensitivity, receiver selectivity 40 db down at 10 kc points. Available at dealers.

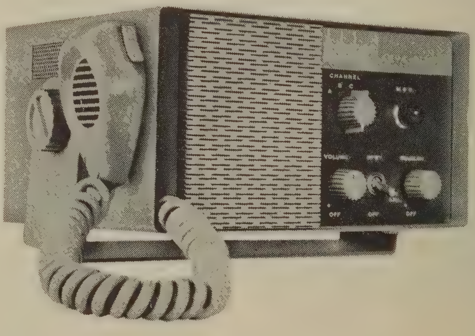
VOCALINE
Commuter PT-27
ANTENNA TUNING
ON OFF
NOISE LIMITER
FINE TUNING
CHANNEL
VOLUME
PULL ON
SENSITIVITY SQUELCH
OPERATING INSTRUCTIONS

PT-27	$199.95

ED-278
8 crystal controlled channels on transmit and receive. 11 tubes, 2 diodes for 20 tube functions. Operates from 117 vac/12 vdc. Receiver selectivity, 10 kc at 50 db down points. Sensitivity 0.1 uV for 10 db signal plus noise to noise ratio. 5763 tube in final. 3.2 watts minimum output. Fine tuning for off channel stations. Transistorized power supply. Low noise front end receiver. Transmit indicating bulb. Available from dealers.

ED-278	$199.95

WEBSTER MANUFACTURING COMPANY
317 Roebling Road
South San Francisco, California



Four-Eleven
4 channel, crystal controlled, transceiver designed and protected for marine use applications. Automatic noise limiter, squelch, modulation control indicator. 7 tubes with 6CX8 in final stage. Electronic relay switching. Standby switch for low current drain. Special sure-lock mounting for maximum stability under adverse conditions aboard ship. Superheterodyne receiver. Operates 117 vac, 12 vdc. Available at dealers.
FOUR-ELEVEN $169.50

CHANNELS
CARRIER
Webster
412
VOLUME
CRYSTAL
SQUELCH

412
6 channel crystal controlled transmit and receive. 10 tubes, 1 diode performing 14 tube functions. Operates from 117 vac/12 vdc. Unit features wiring for selective calling in conjunction with Webster's new Page unit (see Selective Calling section of Directory). Front panel provision for plug in of transmit or reiceve crystals (one pair) for additional channels or cross channel operation. S meter. Receiver selectivity 6 kc at 6 db down. Sensitivity 0.3 uV. Minimum output from 6CX8 final, 2.5 watts. Size 9½x9¼x7 inches. Available from dealers this fall.
412 ....Price Not Available

"440"
10 crystal controlled channels, transmit and receive, with tuneable receiver. Double conversion receiver, selectivity at 5 kc points 6 db down. Receiver r.f. stage sensitivity 0.5 uV. Automatic noise limiter, AVC, squelch, S meter which indicates receive signal level and transmitter power modulation. Sideboard finish is polished walnut. Front panel finish is soft blue and orange. Unit operates from 117 vac, 12 vdc.
"440" $219.50

WESTERN AUTO STORES
1106 Ann Arbor
Dallas 16, Texas

X-TAL
TUNE
MOD
OFF
VOLUME
SQUELCH

190
4 crystal controlled transmit and receive channels, tuneable receiver for all 23 channels. Adjustable squelch and high level modulation. Grounded grid r.f. amplifier for low noise figure. Series gated noise limiter, pi-network loading into antenna, 15 tube performance. 3 watts audio power to speaker, 3 watts r.f. output from transmitter. Dual power supply for 12 vdc or 117 vac.
190 .... Price Not Available

IF YOU SELL, SERVICE OR GIVE ORDERS, YOU NEED
SONAR BUSINESS 2 WAY RADIO...

25 — 50 MCS
14 WATTS
FCC TYPE ACCEPTED
CONSTRUCTION
TRUCKING
Sonar

A complete power-packed dependable performer!

Amplitude Modulated

Quality designed and engineered for years of service and dependability • Compact and lightweight • Easily installed in smallest vehicles • Smartly styled for office use • Greater range because of Voice-Power designed circuitry • Unexcelled reception • Noise-free squelch • Heavy-gauge aluminum construction • Easily serviced • Wired for instant use of the "Sonar-Call" selective calling system • Wired for Sonar High Power Linear Amplifier operation • 1 year warranty • 12 VDC or 117 VAC and 6 VDC or 117 VAC operation • Size: 11¼"L x 9½"W x 4¾"H • Weight: 10 lbs.

BR-20 Business 2 Way Radio complete with mike, 2 crystals and 2 power cables $229⁵⁰

100 and 1 uses in every type of industry and business
- Delivery services
- Garage
- Motor Carrier
- Construction
- Road building
- Farm
- Doctor
- Security guards

SONAR RADIO CORPORATION
73 Wortman Ave., Brooklyn 7, N.Y.

Please send me complete information on Business 2 Way Radio BR-20 Dept. 255

Name ....
Address ....
City ....Zone ......State ....

MODULAR TRANSMITTERS/RECEIVERS

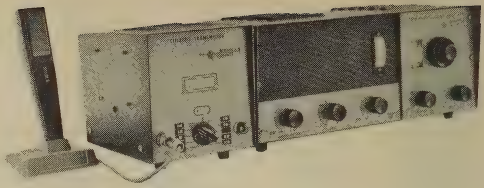
A modular transmitter or receiver is distinct from a transceiver in that the receiver and transmitter of the station are in separate packages. This rules out modular design equipment from most mobile applications, but allows a measure of extra plus conveniences for base station operation that are seldom found in a single transceiver design. Most modular equipment falls into the 'deluxe' category for base station operation.

BROWNING LABORATORIES, INC.
100 Union Avenue
Laconia, New Hampshire

R-2700A RECEIVER
Extremely stable 23 channel tuneable receiver with 5 additional fixed frequency crystal controlled receiver channels. Variable noise limiter, squelch control, antenna peaking control. Illuminated S-meter and dial, shows lighted only the channel you are tuned to. 9 tube, 3 diodes performing 14 tube functions. Receiver selectivity, 60 db down at 10 kc points. 4 db noise figure. .01 uV receiver sensitivity. Operates from 117 vac. Size, 7 inches by 15½ inches by 9½ inches. Available from factory on four purchase plans.
R-2700A $149.00

23/S-9
23 channel transmitter. 5 tubes, 3 diodes performing 8 tube functions. 5763 tube in transmitter final, 6BQ5 modulator. Minimum output. 3.5 watts. Built-in standing wave ratio indicator, modulator percentage indicator (meter) and speech clipping. Includes TVI filter. Operates from 117 vac. Size, 7 inches by 9½ inches by 9½ inches. Available from factory with four purchase plans.
23/S-9 (with crystals) $189.00

"COMPACT" TRANSMITTER
11 crystal controlled channels, 10 on rotary switch, 1 with external crystal socket on front panel of unit. 4 tubes performing 6 tube functions. 5763 tube in final, 6BQ5 modulator. Minimum output, 3.0 watts. Unit derives power from R-2700A receiver. Size, 7 inches by 9½ inches by 9½ inches.
"Compact" $84.50



DEMCO ELECTRONICS
Bristol, Indiana

SATELITE RECEIVER
8 tubes, 5 diodes. 12 tube functions. 23 channel tuneable receiver with 5 fixed channels. Operates 117 vac. Receiver selectivity 5 kc at 6 db down. Sensitivity 0.1 uV. Size 11x6x7¼ inches.

SATELITE TRANSMITTER
5 tubes, 3 diodes. Transmitter tube in final is 6AQ5. Modulator tube also 6AQ5. Minimum power output 3.25 watts. 11x6x7¼ inches.

SATELITE SWR METER-SPEAKER
Twin units measure RF power output to antenna, VSWR. Speaker is designed to coordinate with other units in console.
Complete Station Price $295.00

MARINA COMMUNICATIONS, INC.
11527 W. Washington Blvd.
Los Angeles 66, California

BUDDY RC-11 RECEIVER
BUDDY TX-11 TRANSMITTER
Two units have a total of 16 tubes, 2 diodes performing 21 tube functions. 6 crystal controlled receive channels plus 23 channel tuneable receiver. Five crystal controlled transmit channels plus one external crystal socket on transmitter. 6CL6 transmitter final delivers minimum output of 3.2 watts. TX-11 size, 5x8x6. RC-11 size, 5x12x6. Special noise limiter and relay operated squelch. Available from dealers and factory.

TX-11	$119.50
RC-11	$179.50
Matching Speaker	$ 14.95

THE SAMPSON COMPANY
2244 South Western Avenue
Chicago 8, Illinois

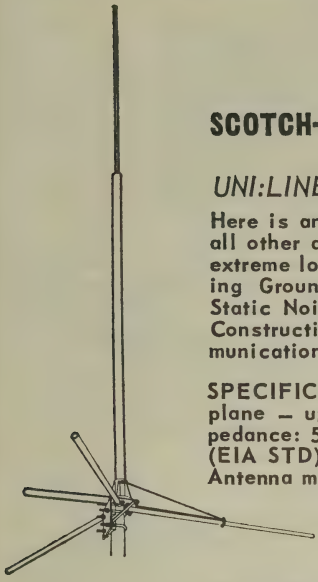
R-101A RECEIVER
R-101A $159.95

R-102A CB SPEAKER
R-102A $15.95

T-110A 23 CHANNEL TRANSMITTER
T-110A $159.95

M-10A CB OUTPUT METER
M-10A $41.95

NO BUGS IN MOSLEY ANTENNAS



SCOTCH-MASTER

UNI:LINEAR

Here is an Omni-Directional Vertical Ground Plane antenna which over shadows all other antennas of similar type available today . . . Why? . . . because of an extreme low angle radiation. A completely revolutionary matching system, featuring Grounded Element for lightning protection and drastic reduction of Rain Static Noise. These superior features combined with the world famous Mosley Construction assures the CB'er of an outstanding antenna for dependable communications.

SPECIFICATIONS AND PERFORMANCE DATA: Gain over standard ground plane — up to 4 db. VSWR: 1.5 to 1 or better over entire band. Feed Point Impedance: 52 ohm coax Unbalanced line. Assembled Weight: 8 pounds. Wind Load (EIA STD) 50 pounds. Antenna Height: Less than 20 ft. Number of Radials: 3. Antenna mounting fits masts up to 1½ inches ODo

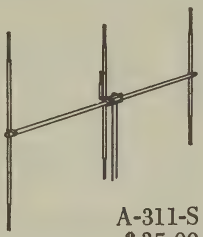
UL-27 . . . . List Price $45.80

SCOTCH-MASTER

Here are two beams for the CB'er who wants the best point-to-point communications at lower costs. Mosley SCOTCH-MASTER A-311-S, three element and A-511-S, five element beams are designed for the economy minded CB'er who wants the world famous Mosley quality.

A-311-S

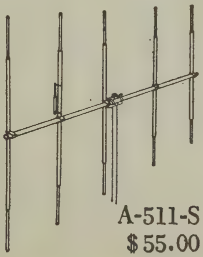
- No. of Elements - 3
- Antenna Weight - 12.5 lbs.
- Boom Length - 12'
- Maximum Element - 18' 8¾"
- Front-To-Back - 20 db.
- Vert. Wind Load - 65 lbs.
- Hor. Wind Load - 35 lbs.
- Forward Gain - 8 db.
- Type Matching - Gamma
- Impedance Point - 52 ohms.
- Radiation - Uni-Directional



A-311-S
$35.00

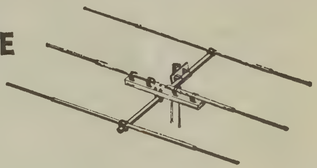
A-511-S

- No. of Elements - 5
- Antenna Weight - 16.5 lbs.
- Boom Length - 24 ft.
- Maximum Element - 18' 8¾"
- Front-To-Back - 20 db.
- Vert. Wind Load - 112 lbs.
- Hor. Wind Load - 62 lbs.
- Forward Gain - 9.5 db.
- Type Matching - Gamma
- Impedance Point - 52 ohms.
- Radiation - Uni-Directional



A-511-S
$55.00

DELUXE LINE



A-311

Dependable communications depend on the proper antenna system. Mosley's antennas are recognized for being tops in dependability. Mosley antennas, such as model A-311, are built of noncorrosive and rust-proof materials. All aluminum is heavy guage 6061-T6, hardware is stainless steel and associated parts are expertly molded of durable plastic. Mosley antennas are designed for 52 ohm impedance.

A single A-311 beam, vertically mounted will give a gain in relative field strength of 8 DB over a reference dipole. This will increase the effective power of your CB transmitter to an equivalent of 32 watts.

A pair of A-311 beams, vertically, will give a gain in relative field strength of 11 DB over a reference dipole. This will increase the effective power of your CB transmitter to an equivalent of 63 watts Connecting transformer and stacking cable included with A-311 stacking kit.

A-311, 3 Element Beams . . . . List $46.88
A-311SK, Stacking Kit For Two A-311 Beams . . . . List $68.21

SO BUY Mosley Electronics Inc.

4610 N. LINDBERGH BLVD.,
BRIDGETON, MISSOURI

HAND HELD TRANSCEIVERS

ARROW ELECTRONICS, INC.
65 Courtland Street
New York 7, New York

AGS-RT-101
Part 15 hand held transceiver. Transistorized single channel. Receiver sensitivity 1 uV. Tunes AM broadcast band also. Leather carrying case, earphones, telescoping antenna. Operates from 6 penlight cells.
AGS-RT-101 .... $70.00

CADRE INDUSTRIES CORP.
20 Valley Street
Endicott, New York

Model C-75
11 transistors, 3 diodes. 2 crystal controlled receiver, transmit channels. Operates from mercury cells, 12 vdc. Receiver sensitivity, selectivity comparable to full sized transceivers. 0.5 uV sensitivity. Minimum output, 1.1 watts. Shoulder strap antenna, provision for built-in re-chargeable batteries. ANL, squelch, automatic modulation.
C-75 .... $109.95

CONCORD ELECTRONICS CORPORATION
809 North Cahuenga Blvd.
Los Angeles 38, California

TG-093
All transistorized, with one diode. Single channel transmit and receive. Available from factory and dealers. AC Adaptor available for 117 vac operation.
TG-093 .... $59.95

EICO ELECTRONIC INSTRUMENT COMPANY
33-00 North Blvd.
Long Island City 1, New York

740
Hand held transceiver with 100 milliwatts input. 5 transistors in transmitter, 7 transistors in receiver. Receiver has 2 i.f. stages. Single channel transmit/receive, crystal controlled, for Part 15 or 19. Operates from 9 volt battery cell. Telescoping antenna.
740 .... (wired) $79.95
740 .... (kit) $54.95

ELECTROSOLIDS CORP.
12740 San Fernando Road North
Sylmar, California

Spacephone
Superregenerative two-way transistorized unit. Operates from 9 vdc battery supply. 2½ inches by 5 inches, 8 ounces with battery. Range to ½ mile. Set for channel 14 operation.
S-2200 .... $32.95
S-2100 .... (kit) $ 9.95
S-2300 .... $19.95

FANON-MASCO
439 Frelinghuysen Avenue
Newark 14, N.J.

FCB-99A
9 transistor transceiver. 100 milliwatts. Leather cases.
Pair of Units $74.95

RCB-100
10 transistor CB transceiver with AM radio in single case. Leather cases.
Pair of Units $84.95

GLOBE ELECTRONICS
400 S. Wyman
Rockford, Illinois

X-90 Pocketphone
9 transistor hand held transceiver, 1 thermistor, 1 diode. Receiver has two i.f. stages. Transmitter has push-pull high level Class B modulation. Certified by the manufacturer to comply with Part 15 regulations.
X-90 Pocketphone $129.50

GENERAL RADIOTELEPHONE CO.
3501 W. Burbank Blvd.
Burbank, California

Echo-9
9 transistors, 2 diodes (11 tube functions). 12 volts dc operation. 80 milliwatts minimum output. 7 inches by 1½ inches by 2⅝ inches. Local-distance switch, standard over-tone crystals. Available at factory, dealers.
Echo-9 .... $59.95

HALLICRAFTERS COMPANY
4401 West 5th Avenue
Chicago 24, Illinois

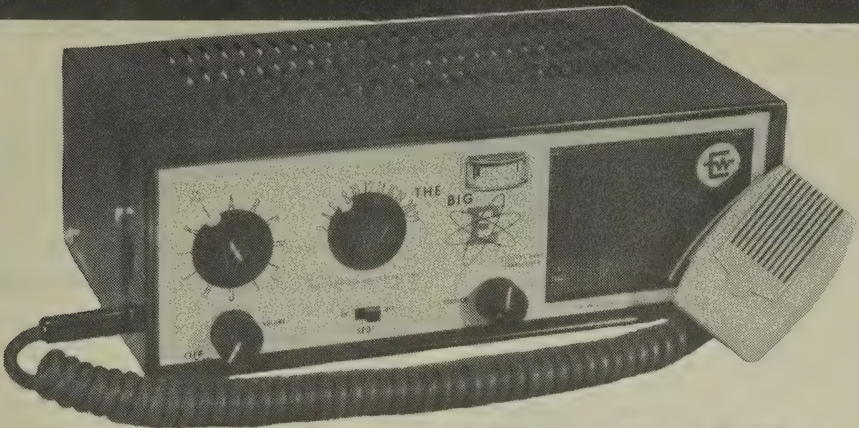
Model CB-6
9 transistors, 1 diode. Crystal controlled on one transmit-receive channel. Operates from 12 vdc. Sensitivity 1 uV, selectivity 5 kc at 6 db down. Minimum output, 40 milliwatts. 100 milliwatt input. 8 inches by 3⅜ inches by 1⅞ inches. Available at dealers throughout USA.
CB-6 .... $59.95

HEATHKIT COMPANY
Benton Harbor 46, Michigan

GW-21
Crystal controlled, superheterodyne 100 milliwatt hand-held transceiver. 150 milliwatts audio output; squelch. 7.5 kc selectivity at 6 db. 9 volt operation, single dry cell battery. .005% tolerance crystal controlled, applicable to unlicensed Part 15 and licensed Part 19 operation. 8 inches by 3⅝ inches by 1⅝ inches. Weight 1½ lbs. High level AM modulation.
GW-21 (kit) $44.95
GWW-21 (assembled) $71.95

GW-52
10 transistors, 1 diode. Single channel transmit-receive. 10 db noise figure, 0.5 uV sensitivity. Nickle cadium rechargeable battery, built-in charger. 100 milliwatt input. Operates from 117 vac, 12 vdc also.
GW-52 .... (kit) $ 74.95
GW-52 (pair) .... (kits) $139.95

BIG in performance . . . BIG in value . . . and only Electronic Wholesalers has this BIG news in CB



BRAND NEW "BIG E" CITIZEN'S BAND TRANSCEIVER

- dual conversion super heterodyne receiver
- dual series gated noise limiter
- positive squelch action
- sensitivity of .5 microvolt over entire band
- crystal controlled 11 position transmit plus 1 external position
- press-to-talk ceramic mike with coil cord and plug
- positive receiver tuning by use of spot switch
- built-in "S" meter and modulation indicator
- POWER SUPPLY: 6VDC, 12VDC, 110 VAC

Sensationally Priced at

$119⁹⁵

We also have all accessories for the "Big E" and all of your CB needs including all major brands

ELECTRONIC WHOLESALERS, INC.

WASHINGTON, D.C.
2345 Sherman Ave., N.W.
Phone 483-5200

BALTIMORE, MARYLAND
3004 Wilkins Avenue
Phone 945-3400

ATLANTA, GEORGIA
5430 E. Ponce de Leon Ave.
Phone 938-1080

WINSTON-SALEM, N.C.
938 Burke Street
Phone 725-8711

HUNTSVILLE, ALABAMA
2310 Bob Wallace Ave., S.W.
Phone 534-2461

MELBOURNE, FLORIDA
1301 Hibiscus Boulevard
Phone 723-1441

MIAMI, FLORIDA
9390 N.W. 27th Avenue
Phone 696-1620

Cocoa Beach, Florida • Hollywood-Ft. Lauderdale, Florida • Orlando, Florida • St. Petersburg, Florida • West Palm Beach, Florida

"SERVING THE ENTIRE SOUTHEASTERN U.S."

RAY JEFFERSON

Main & Cotton Streets
Philadelphia 27, Pennsylvania

"700" Spokesman

8 transistor, 2 diodes single channel hand held transceiver. Operates from 12 vdc battery supply. 1 uV receiver sensitivity. ½ watt output into antenna guaranteed by manufacturer. 1 watt input. Superregenerative receiver., High impact case. 11 inches high, 3 inches wide, 5¼ inches deep. Weight-3½ lbs. with battery supply. Available from factory, dealers.

"700 Spokesman" $99.50

E. F. JOHNSON COMPANY

299 10th Ave. SW
Waseca, Minnesota

Personal Messenger (model 242-101)

11 transistor, 4 diode (15 tube functions) hand held 100 milliwatt transceiver. 1 transmit, receive channel. 12 vdc operation. Receiver selectivity 6.5 kc at 6 db down. 10 db signal to noise ratio with 0.6 uV receiver input. Size—8 inches by 1¾ inches by 3½ inches. Superhet receiver with tuned RF stage, with ANL, AVC, full range squelch. 60 milliwatt output. Available from dealers.

Model 242-101 .... $109.50

PERSONAL MESSENGER (model 242-102)

11 transistor, 4 diode (15 tube functions) 1 watt output single channel transmit and receive hand held transceiver. Operates 12 vdc. Receiver selectivity 6.5 kc at 6 db down. General features identical to model 242-101, with the exception of final transistor stage and modulator transistor stage types and power input and output. 6/10's watt output.

Model 242-102 .... $129.50

KAAR ENGINEERING CORPORATION

2995 Middlefield Road
Palo Alto, California

TR 330 HAN-D PHONE

9 transistor 3 diode superheterodyne 100 milliwatt Part 15 27 megacycle hand held transceiver. Also operates under Part 19. Earphone jack, battery saving circuit, squelch, aluminum case. Weight less than 2 lbs. including batteries. 10 inches by 2⅞ inches by 2½ inches. Audio output, 50 milliwatts.

TR 330 .... $139.50

KELTNER ELECTRONICS

1045 W. Hampden
Englewood, Colorado

HT-2

4 transistor single 9 volt dc cell operated hand held transceiver. Extremely small-compact size, 100 milliwatt input. 40 inch telescoping antenna. Combination speaker-microphone. Matched loading to antenna. Double tuned input to receiver. Available through limited dealers and from factory

HT-2 .... $59.95

ALLIED RADIO CORP.

(Knightkit)
100 N. Western
Chicago 80, Illinois

C-100

Ultra low cost 3 transistor, 1 diode single channel transceiver. Operates 12 vdc. 40 milliwatt minimum output, 100 milliwatt input. Super-regen receiver. Exceedingly simple kit to construct.

C-100 .... $9.95

KG-4000

Deluxe 1 watt single channel hand-held. 9 transistors, 4 diodes. 1 uV sensitivity. Operates from built-in flash light cells, or 12 vdc. Telescoping antenna. Minimum output ½ watt.

KG-4000 .... $59.95

LAFAYETTE RADIO ELECTRONICS CORP.

111 Jericho Turnpike
Syosset, L.I., New York

HE-75

13 transistor, 3 diode, 1 thermistor Walkie-Talkie. 1 watt input. Variable squelch. Local-distant switch. Optional rechargeable battery and AC power pack. Single channel operation. Available direct or from associate stores.

HE-75 .... $66.50

HE-82

4 transistor low cost Walkie-Talkie. Operates from six penlight cells. Crystal controlled transmit and receive. Superhet receiver. 117 vac power pack optional. 100 milliwatt input.

HE-82 .... $19.95

HE-100

12 transistors, 1 diode, 1 thermistor. 100 milliwatts. Operates from 8 penlight cells or from optional 117 vac power pack. Single channel crystal controlled transmit and receive. Variable squelch. Includes earphone and leather case. Separate speaker and mike. Available direct or from associate stores.

HE-100 .... $39.95
HE-100 (pair) $78.88

MONARCH ELECTRONICS INTERNATIONAL, INC.

7035 Laurel Canyon Blvd.
North Hollywood, California

TC-900B

9 transistors, 3 diodes, 100 milliwatt hand held transceiver. Crystal controlled on any of the 22 Part 19 channels, or for Part 15 operation. Meets Part 19 requirements. Superheterodyne receiver. Operates from single 9 volt battery cell. Size, 6½ inches by 2½ inches by 1½ inches. Weight—14 ounces. Complete with leather case, earphone, earphone case, battery, shoulder strap. Audio power output, 100mw. ANL. Available at dealers and through factory.

TC-900B $64.50

OSBORNE ELECTRONICS CORPORATION

13105 South Crenshaw Blvd
Hawthorne, California

DUO-COM 120

1 watt hand held transceiver. 11 transistors plus 2 diodes. Double conversion superheterodyne receiver. Receiver sensitivity, 1 uV produces 10

receiver, with 23 channel tunable receiver. 6 tubes, 5 diodes. Operates from 117 vac/12 vdc. 6AW8A in final. 6AQ5 modulator. Size 11½x5x6½ inches. Nuvistor RF amplifier in receiver. Electronic switching. Illuminated 'S' meter. Plate current output jack for measuring final power input. Push to talk microphone. Available through Lafayette Radio Associate stores or through Lafayette catalogue.

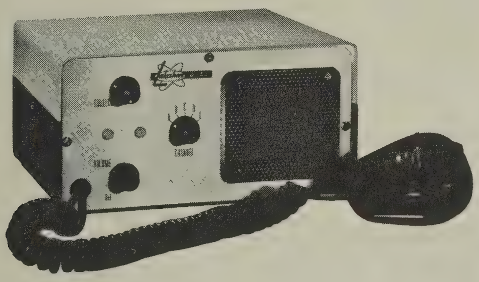
HE-90 .... $94.50

LAKELAND ELECTRONICS
Box 14
Warsaw, Indiana

D-11

6 channel transmitter/receiver, crystal controlled and tuneable receiver. AVC, automatic noise limiter, squelch, crystal spotting. Lighted dial lamps, r.f. meter. Operates from 117 vac, 12 vdc. S meter kit vailable.

D-11 .... PNA



D-55

5 channel, crystal controlled, transceiver. 10 tubes, 5 diodes for 15 tube functions. Unit operates from 117 vac and 12 vdc or 117 vac and 6 vdc.. 6CL6 type tube in transmitter final amplifier. 6AQ5 tube type in transmitter modulator. Minimum transmitter output, 3.0 watts. Size, 9⅜ inches by 4⅞ inches by 7¾ inches. Tapestry toned cabinet, white and blue cabinet. Available at dealers.

D-55 .... $179.50

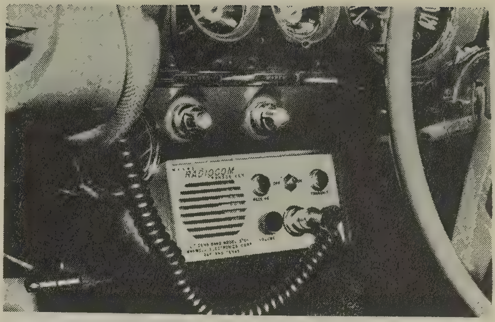
MARINA COMMUNICATIONS, INC.
11527 W. Washington Blvd.
Los Angeles 66, California

BUDDY TR-11

11 tubes, 1 diode, performing 16 tube functions. 10 crystal controlled channels, not tuneable. Operates from 117 vac, 12 vdc, 6 vdc. Receiver selectivity 10 kc at 50 db down. 10 db noise figure. Sensitivity 0.25 uV. Transmitter final 6CL6. Minimum power output 3.2 watts. Size 4½x8x11 inches. Separate power supply. Relay operated squelch. Available from dealers and factory.

TR-11 .... $179.50

MAXWELL ELECTRONICS CORP.
229 Garvon Street
Garland, Texas



27C-2, 27C-3

3 crystal controlled channels, transmit and receive. 10 tubes, 4 diodes, 2 transistors for 16 tube functions. Unit operates from 117 vac, 12 vdc, 6 vdc. Receiver selectivity 0.1 uV. Transmitter tube type in final amplifier, 6AQ5. Modulator tube 6AQ5. Minimum output, 3 watts. Size, 3¼ inches by 7⅛ inches by 11¼ inches. 1 year warranty. Small size, transistor supply. Unit available at dealers and through factory with special purchase plan, 10% down and 1 year to pay.

27C-2, 27C-3 .... $159.50

METROTEK ELECTRONICS, INC.
P.O. Box 9591
Raleigh, North Carolina

METROSTAR

8 channel crystal controlled transceiver with 23 channel tuneable receiver. Operates 117 vac/12 vdc. Receiver sensitivity 0.1 uV. Receiver selectivity 10 db down at 8 kc. Plug in ceramic microphone. Combination S and RF meter. Mating plug on back panel for adapting Monocell Selective calling unit. Pi-Network tuning on transmitter. Minimum output 2.5 watts. Visual bulb indication of B plus on and 117 vac on.

METROSTAR $159.95

MIRATEL ELECTRONICS INC.
1st SE and Richardson
New Brighton 12, Minnesota

Miratel
MIC.

CR117/12

5 channel, crystal controlled transceiver. 9 tubes, 6 diodes performing 14 tube functions. Operates from 117 vac, 12 vdc, 6 vdc. Receiver selectivity 5 kc at 10 db down. Special inductive-

CITIZENS BAND ANTENNAS

A Citizens Band antenna may be either for permanent base installation at your home or office, or a mobile installation for your vehicle. Or, it may be a portable antenna for portable base station operation. The most commonly utilized base antenna is an 18-20 foot vertical, mounted on the roof of the building. Such an antenna provides omni-directional (360 degree) coverage and works equally well in all directions. Higher gain base station antennas take the form of beams, which transmit and receive only in a single direction. Beams usually require a rotator.

Mobile antennas come in all shapes and sizes. The most basic mobile antenna is the 102 inch steel whip, and ¼th wavelength antenna. Shortened antennas, constructed from fiberglass, steel, using loading coils or whatever, are designed to give performance equal to a 102 inch whip with a shorter and less cumbersome antenna.

Several firms now manufacture an AM-CB coupler unit (see Mobile accessories) which allows you to use one auto antenna for both AM radio broadcast reception, and CB transmitting/receiving.

THE ANTENNA SPECIALISTS CO.
12435 Euclid Ave.
Cleveland 6, Ohio

MODEL MAGNUM 27 ANTENNA
Half wave length, end fed, vertical antenna. Shunt fed and ground radiator.
MAGNUM 27 ....$28.43

MODEL M-1D ANTENNA
Complete mobile assembly includes chromed swivel base, chromed spring and 102″ stainless steel whip.
M-1D $11.97
M1 (Sames as M-1D except has aluminum base and cadmium plated spring) $8.97

MODEL MB24 ANTENNA
Bumper mounting assembly consists of double chain bumper mount with cable terminals, cadmium plated spring, stainless steel 102″ whip, 20′ RG-58/U cable and connector on one end, solder lugs on the other and whip hold-down clip.
MB-24 ....$20.33
M-24 (same as MB-24 except single chain bumper mounting) $17.60

MODEL M-33 ANTENNA
Complete kit for rear deck or side mounting. Coaxial base, spring, 102″ whip, cable, gutter clip, 20′ of RG-58/U cable and connectors.
M-33 ....PNA

MODEL M-52 ANTENNA
Cowl mounted antenna with continuously loaded 48″ fiberglas whip. 5′ RG-58/U and connectors.
M-52 ....$9.95
M-53 (similar to M-52 but without mounting base) $7.20

MODEL M-58 ANTENNA
48″ continuously loaded fiberglass whip. Cadmium plated adjustable brackets permit mounting on vehicle trunks.
M-58 ....$11.16

MODEL M-48 ANTENNA
Center loaded cowl mount antenna. Sealed loading coil, low VSWR. Extends to 60′, retracts to 43″. With 5′ of RG-58/U with connectors.
M-49 ....$9.96
M-59 (similar to M-49 but with assembly for mounting on trunk lid) $9.96

MODEL ASP-189 ANTENNA
Front cowl mounting antenna fits same hole as auto antenna. Vinyl covered loading coil. Whip is 40″. Has 6′ of RG-58/U and plugs.
ASP-189 ....$12.48
ASP-185 (similar but with clamp for mounting on rain gutter) $12.48
ASP-63 (similar but with coax plug on base) $7.77

MODEL ASP-239 ANTENNA
Portable antenna with tuneable base coil and coax connector. 43″ stainless steel whip.
ASP-239 ....$16.40

MODEL M-67 ANTENNA
Base loaded mobile roof-top antenna. 44″ high tapered steel whip. Solderless connection for lead. With 12′ RG-58/U and connector.
M-67 ....$15.68
M-73 (Trunk groove mounting) $17.06
M-74 (Cowl or deck mounting) $19.32

MODEL M-77 ANTENNA
Hybrid type with both vertical and horizontal polarization. Horizontal beam has 3 elements, vertical is a ground plane.
M-77 ....$59.50

MODEL M-20 ANTENNA
Window mounting antenna for apartment buildings. 9′ jointed aluminum radiator.
M-20 ....$7.50

MODEL M-36 ANTENNA
One-half wave coaxial sleeve base station antenna. Aluminum radiator.
M-36 ....$19.95
MA-36 (similar except with jointed skirt) $21.00

MODEL M-37 ANTENNA
Three element vertical beam for base station. 18′ high on 11′ boom. Seven db. gain.
M-37 ....$45.00

MODEL MC-27 ANTENNA
Base station ground plane. Aluminum 108″ heat treated radials (jointed).
MC-27 ....$15.95
MD-27 (MC-27 w. 50′ RG-58/U) $19.50
M-38 (Isolating skirt for ground planes) $11.37
M-27 (ground plane with stainless steel radials) $29.85

MODEL M-71 ANTENNA
Marine model including support tube, mounting

and transmission line. Flex. steel 42″ whip. Overall height 107″ can be reduced to 71″.
M-71 .... $34.05

NOTE:
Firm manufactures a wide line of CB, amateur, business band and AM radio antennas, including more than 400 different models. A complete listing is available at your nearby AS/P distributor or dealer.

BROWNING LABORATORIES, INC.

100 Union Avenue
Laconia, New Hampshire

BASE STATION BEAM
Six element wide spaced vertical beam with 2-3 element sections on a one-half wave horizontal boom. 11 db. forward gain.
BEAM $97.50

CB ELECTRONICS CORP.

13616 So. Western
Gardena, California

LIL BOMB
Compact CB roof mounting or cowl mount shortened antenna less than 30 inches high. Rust proof. Stainless steel with base loading arrangement. Guaranteed by manufacturer against defects.
LIL BOMB $12.95

ANTENNA DIVISION, CLEAR BEAM ANTENNAS

21341 Roscoe Blvd.
Canoga Park, California

3 ELEMENT BEAM
U-bolt mounts to mast. 50 or 300 ohm feed. Simple, low cost design. 9 db max. forward gain.
BEAM $14.95

CBGP
Simple design ground plane, 1 inch diameter radiator, drooping radials, 50 ohm impedance. Available direct or dealers.
CBGP $8.95

COLUMBIA PRODUCTS CO.

R.F.D. 3
Columbia, S. C.

MODEL 72-0 ANTENNA
A two-section shortened coaxial antenna for base station and marine use. White fiberglass with chrome plated brass fittings. Length is 10′6″.
72-0 .... $39.95

MODEL 10-3 ANTENNA
White fiberglass whip. Resonant length is 96″.
10-3 .... $6.95

MODEL 74-0 ANTENNA
4′ loaded fiberglass whip for attaching to rain gutter of car. Cadmium plated steel mounting hardware, 9-ft. RG-58/U and plug.
74-0 .... $14.40

MODEL 73-0
Gray fiberglass distributed loaded antenna with space wound coil inbedded in fiberglass laminate. 48″ long.
73-0 .... $11.25
62-0 (similar to 73-0 but white) $15.90

MODEL 61-0 ANTENNA
Fiberglass ground plane with cadmium plated steel hardware.

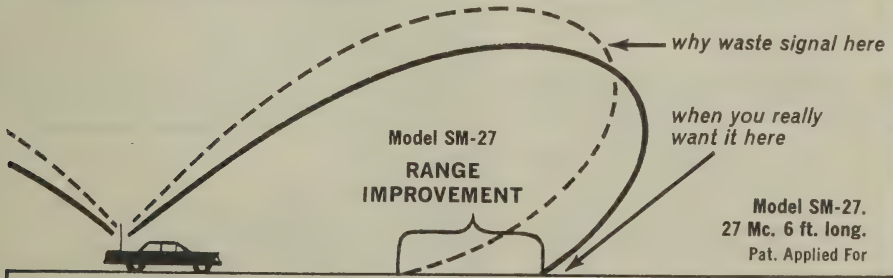
TOTALLY NEW CONCEPT
GREATLY IMPROVES CB COMMUNICATIONS
New MARK Monowhip
SLEEVE MONOPOLE CB ANTENNAS

Lower angle of radiation gives stronger signals and greater range.

Excitation (feed point) occurs at mid-point of radiator—effectively removed from region of ground plane for greater efficiency.

Exceptionally wide bandwidth with low VSWR. 50 ohm match.

Permits rear bumper mounting, as well as side cowl or fender mounting, with outstanding efficiency.



Model SM-27.
27 Mc. 6 ft. long.
Pat. Applied For

B&K MANUFACTURING CO.
DIVISION OF DYNASCAN CORPORATION
1801 W. BELLE PLAINE AVE. • CHICAGO 13, ILL.

See your B&K/MARK Distributor or Send for Bulletin SM-043S

62-0 .... $39.95

MODEL 146 ANTENNA "SLIM GEM"

Loaded whip. Air core space wound base coil molded with fiberglass laminate. Tapered 48" high. Brass, chrome plated base ferrule.

146 .... $8.95

WONDEROD TOP-LOADED

4 foot top loaded fiberglass whip. Resists impact and flexing.

Wonderod $5.75

MODEL 176

½ wave base station vertical. 18½ feet long. Does not require ground plane or radials. Fiberglass non-corroding construction. 52 ohm. U-bolt mounting.

176 ....See dealer for price

MODEL 156

¼ wave mobile base loaded fiberglass cowl mounting antenna. 4 feet long. Complete with cowl mount; flexible fiberglass construction.

156 ....See dealer for price

MODEL 72-1

Deck mounting 10'6" vertical, free standing, designed for boat use. Can be lowered easily, chrome fittings, non-corroding fiberglass construction. ½ wave antenna.

72-1 ....See dealer for price

COMMUNICATION PRODUCTS COMPANY

Route 79
Marlboro, New Jersey

MODEL 249-509

Mobile body mounting 50 ohm ⅛ wave whip stub, tuned. Factory attached feedline. VSWR under 1.5 to 1. Stainless steel, with mounting cowl.

249-509 .... $19.95

MODEL 313-509

Fuselage mounting base loaded whip for aircraft use. 16¾ inch whip, with body mount. 50 ohm loading. Includes coaxial cable, factory assembled.

313-509 .... $49.50

MODEL 314-509

Universal mounting coaxial dipole, 50 ohm load. Extra heavy duty construction, VSWR under 1.4 to 1 across 23 channels. Lightning protection.

314-509 .... $73.00

320-509

Side mount 2.5 db gain 50 ohm antenna designed to side mount on existing tower. Cardiod pattern, 2,5 db forward gain. Rugged, will withstand winds to 100 mph with ice loading.

320-509 .... $80.00

114-509

Coaxial unity-gain base station antenna. Lightweight, aluminum alloy, corrosion resistant. Ideal for portable field test work or base station use.

114-509 .... $73.00

83-509

General service base station coaxial unity gain antenna. Non-corrodible construction for long trouble free service. Topped with stainless steel whip. 50 ohms.

83-509 .... $82 00

128-509

Base station monopole ground plane unity gain antenna. Folded vertical radiating element. Flat response over entire CB band.

128-509 .... $82.00

CONTINENTAL ELECTRONICS & SOUND CO. (CESCO)

6151 Dayton Liberty Road
Dayton 18, Ohio

DUO-POLE MODEL

Constructed of aluminum with grounded one-quarter wave fold back radiator; lightening safety factor. Vertical radiator with 4 horizontal radials.

DUO-POLE $29.97

BEAM ANTENNA MODELS

Extruded aluminum tubing.

3 Element (7 db gain) $29.95
4 Element (8 db gain) $39.95
5 Element (9 db gain) $49.95

CRATER LAKE ANTENNAS

P.O. Box 333, Old Chelsea Station
New York 11, N. Y.

MYTIE MOBILE ANTENNA

28" stainless steel radiator with 3⅜" matching transformer at the base encased in resin. Base screws into antenna mount. 12 coax incl.

MYTIE MOBILE $17.95

DELUXE MYTIE MOBILE (similar to MYTIE MOBILE except different styling with base matched to color of your car) $19.95

CREATIVE PRODUCTS COMPANY

6944 Plainfield Road
Cincinnati 36, Ohio

MILEAGE MAKER

102 inch center loaded fiberglass antenna. Continuous fiberglass construction for maximum strength, protection from precipitation static. Full radiation efficiency.

MILEAGE MAKER $18.95

MILEAGE MAKER, JR.

54 inch shorter version of the Mileage Maker full sized antenna. Center loaded, fiberglass construction, protection from precipitation static.

MILEAGE MAKER, JR. $15.85

CUBEX COMPANY

3322 Tonia Avenue
Altadena, California

MODEL CBQ CUBICAL QUAD ANTENNA

Quad for direction base station use. Up to 10 db .gain, low angle of radiation. 110" high. Fed with 52 or 72 ohm coax.

CBQ (Bamboo radial arms) $44.50
CBQ-FG (Fiberglass radial arms) $64.50

CUSH CRAFT

621 Hayward Street
Manchester, New Hampshire

MODEL CG-11 ANTENNA

Economy ground plane with wire radials.

CG-11 .... $12.50

CG-11C (CG-11 with special adapter plate to which radials are attached) $15.00

MODEL CSG-11 ANTENNA

Self-supporting ground plane of all aluminum construction. Heat treated solid aluminum rod.

CSG-11 .... $16.05

MODEL CGP-11D ANTENNA

"Commercial quality" ground plane of all machined aluminum construction.

CGP-11D $25.00

MODEL CB-11

Three element beam with Gamma match loading 8 db. gain. Aluminum tubing.

COB-3 .... $44.95

CB-11 DUAL (2 CB-11 beams for 11.5 db. gain) $97.50

G-C ELECTRONICS

Rockford, Illinois

MODEL 29-740 ANTENNA

Ground plane kit complete with mast and coax. Aluminum.

29-740 .... $25.50

29-742 (w/o mast and coax) .... PNA

29-730 (wire radials w. mast and coax) $23.85

29-732 (wire radials w/o mast and coax) .. PNA

MODEL 29-700 ANTENNA

102" stainless steel whip.

29-700 .... $6.90

29-702 (100" whip) $6.90

MODEL 29-710 TEL-COIL WHIP

48" tapered fiberglass "loaded" whip.

29-710 .... $7.20

MODEL 29-706 ANTENNA

101" fiberglass tapered whip.

29-706 .... $8.40

MODEL 29-712 TEL-E-SCOPE WHIP

Chrome plated, 101" extended, 32" collapsed.

29-712 .... $4.80

MODEL 29-734 ANTENNA

End fed dipole for base stations. 17' in height. Coaxial launcher assembly with coax connector.

29-734 .... $21.95

HEATHKIT COMPANY

Benton Harbor 46, Michigan

CBU-1

"Utility" antenna for temporary or fixed station CB installations. Includes rugged clip mount plus bracket. 45½ inch base loaded antenna with 12 feet of connecting cable and connector.

CBU-1 .... $9.95

GY-21

Mobile antenna, stainless steel 102 inch whip, cadmium plated spring base, swivel ball mount, thick fiberglass insulator. Complete with mounting hardware, 20 feet RG58A/U cable and connector.

GY-21 .... $15.95

GY-31

Two section 102 inch stainless steel whip with spring base, steel strap bumper mount. Includes rain gutter hold down clip, 30 feet of RG-58A/U coaxial cable and connector.

GY-31 .... $14.50

CBF-1

Fixed station ground plane antenna. Measures 9 feet 4 inches from bottom of mounting bracket to top of vertical radiator. Complete with 50 feet of 52 ohm cable, coaxial connector.

CBF-1 .... $17.95

GY-11

Omni-directional low angle and low standing wave ratio ½ wave coaxial antenna. Antenna

Ideal for Business and Casual Citizens Band communications . . . both!

"412" Webster band-spanner.

New Band-spanner C-B radio gives you the proper combination of new features needed for a double-barrelled positive performance!

Starts off with . . .

5 crystal controlled channels for Business use . . .

Adds a big plus . . .

Instant channel change from the front panel merely by plugging in proper quartz crystals . . .

Adds another plus . . .

Pre-wired for selective tone calling . . . just plug standard tone unit in rear receptacle provided.

Includes . . .

- A hot 0.2 uv dual conversion superhet.
- Wide level AVC control, ±6 db, 5-100K uv.
- Adjustable squelch responds to 0.1 uv sigs.
- Audio output, 3.5 watts.
- Very high image rejection—90 db or more.
- Spurious response better than 60 db.
- 8 tubes, 2-dual purpose, plus rectifier.
- Full 5W max. input to PA—power output of 2.7W—modulation to 95%.
- Panel instrument gives relative "S" readings—power output, modulation.

Webster band-spanner.

317 Roebling Road,
South San Francisco, Calif.

Please send information on "412" and full line catalog.

Name ____________________

____
Number Street

____
City Zone State

consists of 9 foot 2 inch radiator and 9 foot 2 inch skirt. Includes 50 feet of RG-58A/U coaxial cable.
GY-11 .... $21.95

HI-PAR PRODUCTS CO.
347 Lunenburg St.
Fitchburg, Mass.

MODEL CO-27
Sleeve-type coaxial antenna; all-aluminum construction.
CO-27 .... $14.95

MODEL UB-27
Ground plane antenna with adjustable gamma match feed system. Seamless aluminum with stainless steel fasteners.
GP-27 .... $16.95

H & L ELECTRONICS
P.O. Box 125
Medford, Oregon

MODEL LW-2 ANTENNA
36″ mobile whip (base loaded) with 20 feet of coax and all mounting hardware. Tapped coil matching.
LW-2 .... $15.95

HY-GAIN ANTENNA PRODUCTS
NE Highway 6 at Stevens Creek
Lincoln, Nebraska

CW
44 inch telescoping whip for transceiver or temporary auto door mount.
CW $5.95

ADMC
Auto door mount bracket for CW with 12 feet of RG-58/U and PL-259.
ADMC $8.97

CD
Telescoping rabbit ear dipole for CB.
CD $13.17

SGP
Standard ground plane
SGP $16.17

GP-1
Heavy duty ground plane
GP-1 .... $26.25

CXL
Half wave coaxial base station antenna, weight 7.5 pounds.
CXL $19.95

CLR
Colinear gain ground plane, 3.4 db gain.
CLR $29.97

GCLR
Golden colinear gain ground plane, 3.4 db gain, with DCGK static arrestor DC grounding kit for antenna.
GCLR $55.80

113-B
Three element beam for vertical or horizontal mounting.
113-B $31.50

113-S
Stacking kit with cross boom, phasing harness and assembly hardwear for two vertical 113-B's.
113-S $59.95

VP-1
Verti-pole voltage fed ½ wave vertical antenna.
VP-1 .... $19.95

TLW
Stainless steel 'Topper' top loaded whip, ⅜″x24 stud.
TLW $6.96

TLWT
Telescoping top loaded whip, mobile. ⅜″x24 stud.
TLWT $7.20

TLWM
Stainless steel top loaded whip complete with chrome plated body mount and coax cable fitting.
TLWM $8.95

TLWT-M
Telescoping top loaded whip complete with chrome plated body mount and coax cable fitting.
TLWT-M $8.95

TLWR
Omni-Topper. Top loaded 26 inch whip with miniature chrome spring and mount.
TLWR $11.97

CMR
Base loaded rooftop whip with mount and solderless connector.
CMR $8.97

W-108
108 inch stainless steel mobile whip with ⅜ inch x 24 threaded stud.
W-108 .... $4.47

W-102
102 inch stainless steel mobile whip with ⅜ inch x 24 threaded stud.
W-102 .... $4.35

BSW
Cadmium plated split ball, spring and 102 inch whip. Complete.
BSW $8.97

NOTE:
Firm has a complete line of mobile mounting accessories such as stainless steel bumper mounts, split ball mounts, cowl mounts; adapter plugs for spade (auto), phono, other types of plugs; coaxial cable kits for mobile mounting of antennas and an AMCB coupler permitting AM radio and CB use of a single auto mobile antenna.

HERB KRECKMAN CO.
Cresco, Pennsylvania

KRECO MODEL CO-CBA ANTENNA
All aluminum coaxial sleeve antenna. Exceedingly heavy duty.
CO-CBA $41.25

MODEL CP-CBA
Co-plane with 3 db. gain, coaxial type with skirt. Very heavy duty, must be guyed.
CP-CBA $93.75

LAFAYETTE RADIO ELECTRONICS
111 Jericho Turnpike
Syosset, L. I., New York

HE-57W
48 inch continuously loaded fiberglass whip. Designed for auto cowl or rear deck mounting. Substitutes for ¼ wave whips as well as base loaded types. Special rocker support assures 8 point grounding. With 5 feet of coax.
HE-57W $6.95

HE-63WX
Colinear ground plane, 20 feet overall. Radiator 1¼ to 1¾. 9 foot radials. Accepts all masts up to 1⅝ inches in diameter. With matching stub to 52 ohm coaxial line.
HE-63WX $24.95

HE-64WX
3 element vertically mounting 'super-beam.' Forward gain of 9 db. Front to back ratio of 25 db. Units may be stacked horizontally or vertically for additional 3 db. gain. All aluminum construction. 2 inch OD boom 8 foot long, overall. Elements 16.5 feet.
HE-64WX $25.95

MARK MOBILE, INC.

5441 W. Fargo Ave.
Skokie, Illinois

MODEL CBB-1 "BEACON" ANTENNA
One-half wave radiator. No radials or skirts. Special one-quarter wave matcher for low SWR.
CBB-1 .... $19.95

MODEL HW HELIWHIP ANTENNAS
Continuously loaded fiberglas whips.
HW-11-4 (500 kc. bandwidth, 2:1 SWR) $9.95
HW-11-6 (1 mc. bandwidth, 2:1 SWR) $10.95
HW-11-259 (HW-11-4 with UHF plug on bottom) $9.95
HW-11-S4 (4' Light duty model HW-11) $7.20
HW-11-S3 (3' Light duty model 400 kc. bandwidth, 2:1 SWR) $7.20
HW-11-S18 (Light duty model 350 kc. bandwidth, 2:1 SWR) $7.20
HW-11-6M (Marine model, no ground plate required) $22.95
HW-11-S6 (6' Light duty model) $7.20

MODEL CSM-11-1
Single element antenna for side mounting on tower.
CSM-11-1 .... $ 44.50
CSM-11-2 (2 element) $108.00

MODEL MK II SUPER BEACON
Half wave radiator with noise eliminating "Static Sheath", ruggedized heavy duty antenna.
MK II $34.95

MASTER MOBILE MOUNTS, INC.

1306 Bond Street
Los Angeles, California

MODEL 100 ANTENNA
Stainless steel whips. Threaded tip.
100-96S (96") $5.20
100-103S (103") $6.95

MODEL 106 ANTENNA
Stainless steel whips. Plain tip.
106-96S (96") $4.50
106-103S (103") $6.45

MODEL FG ANTENNA
Fiberglass whip.
FG-96 (96") $5.25
FG-103 (103") $6.95

MODEL CG-110
Clamp-on for car's rain gutter. Base loaded.
CG-110 .... $10.30

MODEL SM-700-11 SKYMASTER ANTENNA
Coaxial sleeve type made of aluminum.
SM-700-11 .... $17.95

MODEL MM-881 MAGIC WAND ANTENNA
Tapered fiberglass whip top loaded.
MM-881 (60") $8.95
MM-881-35 (35") $8.95
MM-881-45 (45") $8.95

MODEL SR-600-11 ANTENNA
Monopole ground plane with folded radiating element.
SR-600-11 .... $24.50

MODEL SR-500-11 ANTENNA
Three element beam for 8 db. gain.
SR-500-11 .... $36.00

MODEL GP-27-11 ANTENNA
Aluminum radial ground plane with heavy copper wire radials.
GP-27-11 .... $34.50

MODELS SB-27 AND 8B-27 ANTENNAS
For cowl mounting Base loaded 40" whip.
SB-27 and 8B27 .... $12.95

MOSLEY ELECTRONICS, INC.

4610 N. Lindberg Blvd.
Bridgeton, Missouri

UL-27
Low angle radiation ground plane base station antenna. Grounded element for elimination of rain static. Weight-8 pounds, Three radials. Under 20 feet tall. Fits masts up to 1.5 inches OD. 52 ohm feed impedance.
UL-27 .... (list) $45.80

A-311-S
Three element beam antenna. 12 foot boom. 20 db front to back ratio. 8 db forward gain. 52 ohm feed impedance. Weight-12½ pounds. Gamma match.
A-311-S .... (list) $46.88

A-511-S
Five element beam antenna. 24 foot boom. 20 db front to back ratio. Forward gain, 9½ db. 52 ohm impedance. Gamma match. Weight-16½ pounds.
A-511-S .... (list) $73.35

NEW-TRONICS

3455 Vega Ave.
Cleveland 13, Ohio

MODEL CB-27
Collapsible loaded mobile whip antenna—60" extended and 27" collapsed; supplied with 5' length of AG-58/U cable.
CB-27 .... $10.44

MODEL CB-111
Rear deck or fender mounting 54" aluminum construction antenna. Folds over to permit garage door, car-port clearance, fits all standard mobile mounts.
CB-111 .... $13.90

MODEL CB-211
Bumper mount version of CB-111, folds over 27" from base for garage clearance.
CB-211 .... $13.90

SABOR ELECTRONICS

P.O. Box 38605
Los Angeles 38, California

BEAM
15 element beam array of unusual design. 52.2 ohm feed impedance. 19 feet high, 5½ feet vertical width. Manufacturer claims 30 db gain over reference dipole. Mounts on mast.
BEAM $155.50

SPACE RAIDER ANTENNAS
1076 E. Walnut Street
Pasadena, Calif.

MODEL GP-27-1 ANTENNA

Ground plane antenna.

GP-27-1 .... $24.95

NOTE:

Firm also manufactures a line of diversity (dual) polarity beam antennas. Contact firm direct for data sheets.

TELREX LABORATORIES
Asbury Park, New Jersey

MODEL 11M-206B ANTENNA

Two element beam with 5db. gain.

11M-206B $39.95

MODEL 11M-05 "MINI-BOWTIE" ANTENNA

Looks like TV antenna for apartment house installations.

11M-05 .... $16.00

MODEL 11M-254 "MINI BEAM" ANTENNA

Coil loaded beam looks like TV antenna for apartment houses. 4.0 db. gain.

11M-254 .... $24.00

MODEL CO-11M "BEAMED POWER" ANTENNA

Coaxial sleeve aluminum antenna.

CO-11M $29.95

MODEL CGP-1011S ANTENNA

Conical ground plane, aluminum.

CGP-1011S $29.95

MODEL 11M-DP ANTENNA

Balun-fed dipole.

11M-DP $29.95

MODEL 11M-0D4 ANTENNA

Vertically polarized omni-directional 4 element antenna. 4 db. gain.

11M-0D4 .... $142.00

MODEL 11M-518 ANTENNA

Deluxe 5 element beam. Horizontally polarized. 11 db. gain.

11M-518 .... $240.00

TENNA MANUFACTURING COMPANY
7580 Garfield Blvd.
Cleveland 25, Ohio

CB-AM

Automatic motor driven CB mobile antenna that raises and lowers from switch control inside of auto. Top loaded 55 inch whip, raises from 9½ inches to 55 inches when fully extended. Motor operates from standard auto 12 vdc system. Switch mounts near transceiver for ease of operation.

CB-AM .... Approx. $30.00

VERSA-TRONICS
Box 223
Wheeling, Ill.

VERSA-TENNA

Mobile antenna which mounts on vehicle roof with magnets to eliminates drilling. Secure at high speeds. 36" high.

CB-11 .... $9.95

WEBSTER MANUFACTURING
317 Roebling Road
South San Francisco, California

A-48 96" fiberglass whip, ⅜-24 base ..$12.20
A-49 49" top loaded, fiberglass, pruneable $8.70
A-50 102" SS premium whip ....$ 5.00
A-54 58½" short Q-top, center loaded fiberglass column only $22.40
A-55 83" regular Q-top, center loaded, fiberglass column only $22.40
A-58 Coaxial vertical base station antenna w/fiberglass whip $34.00
A-65 Roof top antenna and mount, 46" $12.95
A-66 Trunk groove mount and antenna ....PNA
M-28 Marine CB antenna, fiberglass $52.00

NOTE:

Firm also manufactures a wide line of universal ball mounts, double chain mounts, cadmium plated springs, etc. for CB mobile installations.

ELECTRO-WINDERS, INC.
854 W. First Street
Covina, California

TOROID-TENNA

Transformer loaded mobile antenna which manufacturer claims "guaranteed lowest VSWR and closest match ever achieved in a CB mobile antenna". Screwdriver set-screw adjustment for tuning of lowest VSWR, maximum antenna efficiency. 42 inch stainless steel tapered whip. Standard PL-259 plug fits existing mounts, or special chrome-plated universal mounting bracket for gutter, trunk or roof. Available only from factory. Universal mount, $5.95.

TOROID-TENNA $19.95

WHOLESALE SUPPLY CO.
Lunenburg, Mass.

MODEL 3L-27

3 Element beam. 9.5 db. forward gain. Seamless aluminum tubing.

3L-27 .... $29.95

TEST EQUIPMENT AND METERS

CB test equipment and meters take two forms. Most CB test equipment are actually highly specialized meters for use in tuning up, installing or aligning CB transceivers or antennas. There is a wealth of equipment available for the individual CB'er (some of it inexpensive), for the CB club to purchase as a group project for everyone's use, or for the CB service and installation shop.

The latter group will find the many new signal generator and frequency measuring units very helpful in giving frequency checks to CB'ers who may fear their units are off-channel.

BIGGS ELECTRONICS INC.
1328 Pulaski Street
Peru, Illinois

AM-100 ANTENNA METER

Standing wave bridge, power meter. Checks antennas, power output of transceiver, allows for tuning of transmitter and antenna system for maximum performance. Available at dealers.

AM-100 .... $24.95

CLEMENS MANUFACTURING COMPANY
630 South Berry Road
St. Louis 22, Missouri

SG-83 SIGNAL GENERATOR

Calibrated output 0.6 uV to 16,000 uV for alignment and peaking of receivers. Covers frequency range of 360 kc to 30 megacycles in six ranges. Accuracy to 1 percent. Un-modulated carrier or 300 cps AM modulation. All transistorized. Operates from one inexpensive battery. Front meter and switching allows checking battery condition, output level control. Ideal for bench or shop tuning of receivers, RF or i.f. Available from factory.

SG-83 .... $140.00

CONTINENTAL ELECTRONICS AND SOUND CO. (CESCO)
6151 Dayton Liberty Road
Dayton 18, Ohio

CB-52 TRANSICHECK

Designed to test transmitter output and antenna efficiency. Useful in loading antenna with maximum transmitter signal, and adjusting antenna to minimum VSWR. Dual scale meter. Upper scale indicates match or mis-match to antenna from transmitter. Lower scale, graduated from 1 to 5, indicates power output. May be left in transmission line with no measurable insertion loss. 52 ohm lines.

CB-52-S (auto spade conn.) $18.95
CB-52-C (stan. Coax plug) $19.95

E.C.I.—ELECTRONICS COMMUNICATIONS, INC.
325 No. MacQuesten Parkway
Mt. Vernon, New York

PORT-A-LAB

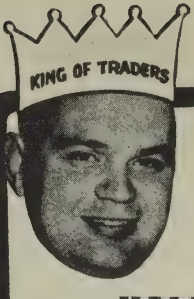
Measures SWR, Power Output in two scales; 0-10 watts, 0-50 watts. Measures modulation (audibly and visibly) and relative field strength. Collapsable antenna. Available at dealers.

PORT-A-LAB $44.95

ELTEC LABORATORIES. INC.
30 Alsop Avenue
Middletown, Connecticut

MODEL 600 FREQUENCY METER

Citizens Band frequency standard for the service shop and CB club, or CB'er who has collected more than three pink tickets in a year for off channel operation. Accuracy of 0.0002% over the frequency range of 25 to 54 megacycles. Exceeds FCC requirements for CB by five times. Excellent stability, can be checked against WWV while in the field or on the bench Useful as 10 kc and 100 kc oscillators for aligning other equipment. Optional items includes an audio amplifier for remote cont



Terry 18W3516 Owner of Amateur Electronic Supply

says

Trade in Your Present CB Equipment on

HALLICRAFTERS CB TRANSCEIVERS

$5 DOWN

three years to pay

NEW HALLICRAFTERS CB-3A $159.95 ONLY $5.77 a month (3 years)

Look at these low payments on all Hallicrafters CB Equipment

		1 Yr.	2 Yr.	3 Yr.
CB-3A 8 Channel	$159.95	$14.65	$7.99	$5.77
CB-5 Transistorized	199.95	18.32	9.99	6.38
CB-4 Hand Held (Ch. 11)	89.95	8.24	----	----

ACCESSORIES

HA-9 S meter Kit for CB-3A	$ 8.95
HA-11 Noise limiter for CB-3A	$15.95

AMATEUR ELECTRONIC SUPPLY

Complete Stock of Hallicrafters CB Equipment and accessories as well as S-wave Receivers and Ham Equipment.

To: Amateur Electronic Supply
3832 W. Lisbon Ave., Milwaukee 8, Wisconsin

Ship me a....................on channel....................(1 Free).
Please install Extra Channels for......($5.95 per channel).
I Enclose $......................... I will pay balance (if any) in: ☐ C.O.D. ☐ 1 Year ☐ 2 Years ☐ 3 Years
For: ☐ 110 VAC & 12 VDC ☐ 110 VAC & 6 VDC
I want to buy a..............................and want to trade a..........................which was originally purchased in:
☐ Kit Form ☐ Wired
In this form this unit originally sold new for $............. I purchased it ☐ New ☐ Used.
Name .... Call ....
Address ....
City .... Zone .... State ....
☐ Send FREE listing of used CB & Ham gear.

at $29.95 and a built-in tone oscillator for 5 kc (narrow band) FM deviation measurements at $49.95.
MODEL 600 .... $349.95

GC-GLOBE ELECTRONICS
400 S. Wyman Street
Rockford, Illinois

SIGNAL OPTIMIZER

Small, lightweight, easy to carry portable lab for the CB buff. Tells you if your crystals are working, checks VSWR, power output, percent of modulation, more.
OPTIMIZER .... (net) under $50.00

GENERAL RADIOTELEPHONE COMPANY
3501 W. Burbank Blvd.
Burbank, California

615 SWR BRIDGE

Reads true power output on 5 and 25 watt scales, built in 25 watt dummy load for transmitter tune-up and test. Built-in field strength meter with telescoping antenna. Operating range, 27-54 megacycles. Accuracy better than 5%. Free 1 year calibration service. Available from factory or through dealers.
615 .... $39.95

HALLMARK INSTRUMENTS, INC.
6612 Denton Drive
Dallas 35, Texas

TRANSMITTER TESTER

Multi-purpose citizens band transceiver tester. Built-in telescoping antenna. Measures RF power, percent of modulation, standing wave ratio. Direct scale reads on panel meter. Produces a carrier (with or without 1,000 cycle modulation) for checking receivers. Also functions as field strength meter. RF scale 0-5 watts.
TESTER $49.50

H & L ELECTRONICS
P.O. Box 125
Medford, Oregon

SWR-1

In-line watt meter, VSWR indicator. Meter indicates on scale of 1-5 watts true power output of transceiver, and reflected power (mismatch) from antenna.
SWR-1 .... $19.95

HEATHKIT COMPANY
Benton Harbor 46, Michigan

AM-2 REFLECTED POWER METER

Checks match to transmission line by measuring percentage of forward and reflected power or SWR. For 52 or 72 ohm systems. Kit.
AM-2 .... $15.95

PM-2 POWER METER

Field strength meter mounts on auto dashboard or other metal surfaces. No external power required. Indicates relative field strength. Self contained telescoping antenna. Kit.
PM-2 .... $12.95

INTERNATIONAL CRYSTAL MFG. CO.
18 North Lee
Oklahoma City 2, Oklahoma

C-12M FREQUENCY METER

Portable secondary frequency standard. .0025% frequency accuracy. Each crystal has its own trimmer capacitor for adjustment to exact frequency. Also AM percentage modulation indicator. Useful in adjusting transmitter-receiver frequencies and checking same for compliance to Part 19 regulations. Without crystals (crystals for each channel $5.00 each).
C-12M $235.00

E. F. JOHNSON COMPANY
299 10th Avenue SW
Waseca, Minnesota

DIRECTIONAL COUPLER-INDICATOR

In-line indicator of forward and reflected power, including standing wave ratio and relative power output. Coupler mounts in the line, meter (indicator) mounts handy to transceiver location. Equipped with standard SO-239 connectors.
250-37 (Coupler) $11.75
250-38 (Indicator) $25.00

LAFAYETTE RADIO
165-08 Liberty Ave.
Jamaica 33, N. Y.

MODEL TM-14 FIELD STRENGTH METER

Continuously indicates transmitter output. Requires no batteries or transmitter connection.
TM-14 .... $6.95

MODEL TM-16 FIELD STRENGTH METER

Professional type transistorized meter. Earphone jack to monitor audio. Can be used remote from antenna.
TM-16 .... $14.95

MODEL TM-15 WAVE-METER

Sensitive field strength meter and frequency checker. No power needed.
TM-15 .... $8.95

MODEL HE-28 RF WATT METER AND SWR BRIDGE

Measures watts plus or minus 5% and SWR.
HE-28 .... $37.50

LAMPKIN LABORATORIES, INC.
RT. 1C
Bradenton, Florida

105-B FREQUENCY METER

Heterodyne type micrometer frequency meter. Operates from 117 vac. Measures center frequency of any number of transmitters at a range of 10 to 1,000 feet. Does not require direct connection to transceiver. Operates from 100 kc to 175 megacycles. Also generates signal in 27 mc band for final alignment of transceiver receivers. Accuracy guaranteed to better than 0.0025%. Crystal calibrator for self adjusting zeroing. Designed for the CB service shop or CB club technical committee. Available direct from factory.
105-B $260.00

MICROWAVE DEVICES (formerly MC Jones)
Farmington Industrial Park
Farmington, Connecticut

290 RF AND VSWR METER

Facilitates RF power measurements up to 5 watts output to antenna on directly calibrated scale, and gives accurate indication of standing waves and reflected power. Available direct

or through dealers.
290 .... $26.00

MONARCH ELECTRONICS INTERNATIONAL, INC.
7035 Laurel Canyon Blvd.
N. Hollywood, Calif.

MODEL FSI-1 FIELD STRENGTH METER
No battery or other power source required for checking antenna efficiency, load matching, etc. Earphone jack.
FSI-1 .... $7.75

MODEL FSI-2 FIELD STRENGTH METER
Bandswitching model field strength meter.
FSI-2 .... $9.95

RADIO CORPORATION OF AMERICA
Telecommunication Center
Meadow Lands, Pa.

CB TEST SET (HI-17615) "SELECT-O-METER"
Combination crystal checker, r.f. signal checker field strength meter and output power indicator. Has 2 transistors, powered by batteries.
SELECT-O-METER $37.95

SECO ELECTRONICS INC.
5015 Penn Ave. South
Minneapolis 19, Minn.

MODEL 500 TEST SET
Combination crystal checker, r.f. volt and watt meter. Supplies low power unmodulated signal for adjusting squelch or tone modulated for peaking. With 15′ cable.
500A $42.95

MODEL 520 ANTENNA TESTER
In-line antenna efficiency tester and r.f. power meter. Shows forward and reflected power. SWR from 1:1 to 8:1.
520A $54.95

MODEL 510 TRANSMITTER TESTER
Large 3″ meter shows percentage of modulation, r.f. output in watts. Can be used for 100 mw. units too. Measures losses in transmission lines.
510B $48.95

SWECO
P.O. Box 226
Bakersfield, California

MODEL S-127 POWER OUTPUT METER
Watt meter for direct reading 0 to 5 watts. Absorption type which acts as a dummy load allowing you to make transmitter adjustments under simulated operating conditions.
S-127 .... $18.75

SELECTIVE CALLING DEVICES

Selective calling devices (also known as tone squelches, code squelches, etc.) are the latest thing in CB. With a selective calling device on your transceivers, you will hear messages or transmissions only from your own units. Selective calling units add privacy to your communications system, making it possible (and optional) for you to have calls only from your own units activate your receiver's squelch.

BRAMCO INCORPORATED
College and South Streets
Piqua, Ohio

RD-5 TONE REED
For those who like to wind their own. A five channel resonant reed relay for remote control or tone calling functions. This company makes many of the reeds for the complete tone calling system units. The RD-5 acts as a tone decoder, pre-set to five channels any of which can be un-locked (actuated) by a corresponding audio tone. Response frequencies from 100 to 1,000 cycles per second. Norman response time is 50 milliseconds. Write the manufacturer for O.E.M. prices.

CADRE INDUSTRIES CORP.
20 Valley Street
Endicott, New York

524 TONE SQUELCH
Permits multiple tone generation for encoding and decoding in selective calling systems. Unit, available this fall, has up to 24 tone codes permitting up to 24 different units to be called discreetly. Base station unit with multiple tones and mobile unit with single code. Mobile unit can be changed to different code by changing a wire or two. Available at dealers late summer, early fall.
524 .... $59.95

HALLICRAFTERS CORPORATION
4401 W. 5th Avenue
Chicago, Illinois

HA-12
Full duplex selective calling system. For use with any commercial CB system. No tubes or transistors (it works on smoke signals). Single switch (with three positions) operation.
HA-12 Encoder/decoder $79.95
HA-12A Encoder $44.95

HALLMARK INSTRUMENTS, INC.
6612 Denton Drive
Dallas 35, Texas

SEL CALL
Encoder and decoder. Resonant reed design for maximum selectivity. Four calling and receiving tone codes. Choice of 38 frequencies available. Mounts on transceiver or dashboard for mobile operation, or sits on table next to base unit. 1 tube design, using B plus voltage and filament power from existing equipment.
SEL CALL .... Price Not Available

HEATHKIT COMPANY
Benton Harbor 46, Michigan

SELECTIVE-CALL KIT
Four tone signal selective calling device to permit exclusive calling of one or more units through

use of resonant reeds. Only unit(s) called, hear transmission on system. Receiver activates only when called by proper tone sequence from suitably equipped second transceiver. Converts crowded CB channel operation to private line convenience. Kit. Available from factory or Heath dealers.

GD-12A (AC)	(kit) $33.95
GD-162D (DC-12 volts	(kit) $37.95
GDW-162A (AC)	(wired) $55.95
GDW-162D (DC)	(wired) $55.95

E. F. JOHNSON COMPANY
Waseca, Minnesota

TONE ALERT

New tone signaling circuit designed to actuate one or more transceivers to calls only from a specific base station or mobile. Uses resonant reeds, features call-light which stays on when a unit has been called until the call is returned. Makes crowded CB channels a "private line". Available for 117 vac, 12 vdc and 117 vac, 6 vdc. Available at dealers.

TONE ALERT	$59.95

LAYFAYETTE RADIO ELECTRONICS CORP.
111 Jericho Turnpike
Syosset, L.I., New York

HA-100 PRIVA-COM

Selective calling unit. Tone and lights activate receiver. Complete with mounting bracket for mobile unit. Available direct or at associate stores.

HA-100	$32.50
PAIR—HA-100	$62.50

LAKESHORE INDUSTRIES
2802 Wollmer Street
Manitowoc, Wisconsin

SENTRY TONE-SQUELCH

Mutes receiver and opens squelch only on predetermined tone. Selective calling device transforms crowded CB channel operation into private line convenience. Selective circuit allows several different tone combinations on same channel. Available at dealers.

SENTRY TONE-SQUELCH	$49.95

MIRATEL ELECTRONICS
1st Street SE and Richardson
New Brighton 12, Minnesota

SELECTO CODER-DECODER

Two unit tone alert coder (a) and decoder (b) for quiet channel CB operation. Permits selective calling and squelch breaking of auxilliary transceivers allowing sets to remain quiet on tone controlled squelch until special coded call comes in.

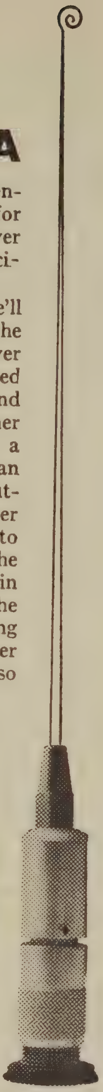
CODER (transmitter)	$29.50
DECODER (receiver)	$59.50

SONAR RADIO CORPORATION
73 Wortman Avenue
Brooklyn 7, New York

SC-1 SONAR CALL

Two tone selective calling system. Mounts on existing transceiver, wires directly into Sonar and other sets.

SC-1	tentative price $59.95



"NOW HEAR THIS . . . !"
TOROID-TENNA

is the result of two years of intensive research and development for the most perfect CB transceiver antenna ever made to military specifications.
Others say they've done it, but we'll guarantee TOROID-TENNA has the lowest SWR and closest match ever achieved! This stainless steel, tapered antenna is just 42 inches long and features a tunable toroid transformer in its chrome-plated "heart" for a steady 1:1 SWR thus providing an easy ½ to ¾ watt increase in output power. The toroid transformer is completely shielded from co-ax to whip. You don't have to "clip the tip" for your SWR—just tune it in a minute with a screwdriver for the finest, most powerful transceiving you've ever experienced. All its power is in the whip—not the base! (Also available for 6 meters.)

Special, chrome-plated universal mounting bracket for gutter, trunk or roof installation **$5.95**

TOROID-TENNA (Standard PL-259 plug fits existing mounts) **$19.95**

ELECTRO-WINDERS CO. INC.
PR ANTENNA SYSTEMS
854 WEST FRONT STREET
COVINA, CALIFORNIA

ELECTRO-WINDERS CO., INC;
PR Antenna Systems Division
854 West Front Street, Covina, California

Enclosed is my check (money order) for $19.95 for a TOROID-TENNA. (Add $5.95 for base mount.)

Name ____________________

Address ____________________

City ______________ State ____________

(California add 4% sales tax)

WEBSTER MANUFACTURING COMPANY
317 Roebling Road
South San Francisco, California
WEBSTER PAGER
Fully transistorized single tone unit. 8 pin octal plug mates into new Webster 442 transceiver, or fits Metrostar, Johnson, Eico. Is adaptable to others. Pedestal unit is integral part of 442 transceiver. Mobile unit side mounts on existing or new transceivers.
PAGER .... tentative price $59.95

RADIO ELECTRONICS DESIGNS
O'Fallon, Missouri
REDI-CALL
Uses narrow bandpass tone filters and relay tube to energize holding relay and to prevent falsing. Time delay to further prevent falsing. External relay contacts may be used to ring bells, turn on radios, start motors or blow up the bank after the heist is completed.
REDI-CALL .... price not announced

CITIZENS BAND AUDIO ACCESSORIES

Citizens Band audio accessories take many forms. In most cases, they are simply more elaborate microphones designed to give your transmitter more punch and communications intelligibility. In other cases they are specialized audio amplifier, audio compression or audio clipper units designed to make the audio on your transmitted signal stand out with more punch, authoritativeness and range.

Other audio accessories listed include telephone phone patches (perhaps these units will not be legal if the pending Part 19 changes go through), which tie your base station unit into the telephone system.

BM COMPONENT SUPPLY
142 Liberty Street
New York 6, New York
COMTRAN C11
Transistorized audio compressor. Self contained batteries. Uses three transistors, 2 diodes. Frequency response 300 to 2,000 CPS. 3500 CPS down 12 db. For use with any high impedance microphone, crystal or ceramic. Local-distant switch, gain control.
C-11 ....Price not available

BUSINESS RADIO CO., INC.
P.O. Box 5652
Minneapolis 17, Minn.
PATCH-A-CALL
Fully automatic, transistorized, voice-operated phone patch. Plugs into 115-volt AC outlet, no connection to telephone line. With remote speaker for monitoring by radio operator.
PATCH-A-CALL $64.95

DEMCO ELECTRONICS
Bristol, Indiana
SATELLITE POWER MODULATOR
Universally regulated compression audio amplifier. Two tubes, two diodes. Two way power supply operates from 12 volt DC or 117 volt AC. Increases talk power for your transmitter.
S.P.M. $41.25

ELECTRONICS ENGINEERING CO.
Wabash, Indiana
ELENCO POWER GAINER
Audio compression amplifier adaptable to any CB unit. Takes the high portions of the voice and amplifies them to the same level as the stronger bass portions, resulting in 4-time talk-power increase or equivalent of 20-watt final input power. Has 3 connections to rig; supplied with pre-wired quick-disconnect plug and socket, full instructions.
PG-1 (110-volt AC operation) $45.00
PG-12 (same, for 12-volt use) $45.00
PG-6 (same, for 6-volt use) $45.00

ELECTRO-VOICE, INC.
Buchanan, Mich.
MODEL 714-SR MICROPHONE
CB mobile mike in beige cycolac case, delivers -55 db output. DPST switch shorts mike element in "off" position and operates transceiver relay circuit in "on" position. Supplied with data sheet and mobile hanger.
MODEL 714-SR $16.50
600 E
Handheld dynamic microphone designed for good speech transmission under high noise conditions such as industrial factory or plant, open pit vehicle.
600 E ....Price not available
717
Close talking ceramic microphone. High output and intelligibility, maximum reliability, operational ease. Molded of cycolac for maximum impact resistance.
717 ....Price not available

EUPHONICS ACOUSTICS, INC.
P.O. Box 713
Ria Piedras, P. R.
MODEL C-47 MICROPHONE
Pressure type ceramic microphone with high-impact polystyrene case. Comes with coiled cord, push-to-talk switch, hang-up button. Frequency response, 50 to 8,000 c.p.s.
C-47 .... PNA
MODEL C-470 MICROPHONE
Same as model C-47 except features noise-cancelling differential construction, for use in high-noise areas such as aircraft or heavy industry.
MODEL T-46 MICROPHONE
Ceramic microphone in polystyrene case with pull-out desk stand in back. Frequency response

from 50 to 8,000 c.p.s.
T-46 .... PNA

GC-GLOBE ELECTRONICS
400 So. Wyman
Rockford, Illinois

GS-419 AUDIO CLIPPER-FILTER

Audio clipper, filter, limiter for maximum shaping of voice for improved communications punch. Increases average percentage of modulation on any transceiver to near 100 percent. Uses LC filter with sharp cutoff below 300 cycles per second and above 2,500 cycles per second. Available at dealers.

GS-419 .... $24.95

INSTRUMENTS, COMMUNICATIONS, INC.
33 Danbury Road
Wilton, Conn.

"SPEAKEASY" AUDIO COMPRESSOR

Compact audio compressor including a modulation control, accurate modulation meter, and "in-out" switch. Adaptable to some 22 different transceivers.

SPEAKEASY (with meter) $34.75
SPEAKEASY (with indicating lamp, (less meter) $29.95

BIG MIKE

Transistorized microphone audio amplifier built into microphone case. Variable tone control for pitch response and variable output level control. Squeeze to talk bar. Push to talk switch under bar actuates transmitter controls. Magnetic clamp for mounting on any metal surface. Uses small penlight cells.

BIG MIKE $34.95

P & H ELECTRONICS, INC.
424 Columbia Street
Lafayette, Indiana

AFC-1 AND AFC-2 AUDIO FILTER-COMPRESSOR AMPLIFIERS

Combination audio filters and compression amplifiers operating on AVC principle; increase talk-power when used in transmitter and reduce fatigue when used in receiver. In transmitter, performs same functions as other compression amplifiers. In receiver, holds all signals at same loudness if adjusted on weakest signal received, reduces adjacent-channel interference. Model AFC-1 has no power supply, single-position supply, three-position filter. Model AFC-2CW same as AFC-2 but with sharper filter (narrowest bandwidth position: 90-600 v.p.s.)

MODEL AFC-1 .... $32.95
MODEL AFC-2 .... $54.95
MODEL AFC-2CW $54.95

SABOR ELECTRONICS
P.O. Box 38605
Los Angeles 38, California

HOWLER MICROPHONE

Microphone pre-amplifier fits inside microphone. Raises microphone gain from 3 to 5 volts. Has an outside switch to shut pre-amp off. Microphone included is Turner 350C. Available only from factory.

HOWLER $25.95

THE SAMPSON COMPANY
Chicago 8, Illinois

POWER MODULATOR

Additional microphone amplification for people who can't talk loud enough. Or for units low on transmitter audio. Includes audio gain control and 'in-out' switch for by-passing the unit when not in use. Microphone plugs into unit, unit plugs into transceiver microphone connector. Two way power supply for base or mobile operation.

POWER MODULATOR ....Price not available

SHURE BROTHERS, INC.
222 Hartrey Avenue
Evanston, Illinois

MODEL 404C "Ten-Four" MICROPHONE

Rugged controlled magnetic element, selective frequency response, output equal to crystal unit, copper coiled cord, hand-held push-to-talk, 200-8,000 c.p.s. frequency response.

404C $19.80

MODEL 440SL MICROPHONE

Desk type with rugged controlled magnetic element, selective frequency response 300-3,000 c.p.s., output equal to crystal unit.

440SL $28.50

SMEA ENGINEERING
Tipton, Indiana

SMEA POW-R-MIKE

Compression amplifier/microphone combination for attachment to any CB transceiver. Self-contained 110-V power supply; only connection to transceiver is through mike cable. Front-panel controls include compression gain, output gain, and push-to-talk.

POW-R-MIKE MODEL M $39.95
POW-R-MIKE MOBILE MODEL (same but with 12-V power supply) $39.95

MODEL 'R' MOBILEER

Microphone pre-amplifier with audio gain control, on-off switch. Uses single tube as audio pre-amp. Operates directly from auto 12 volt DC source. Increases talk power of mobile units up to 35% depending on unit's initial gain. Comes complete with SMEA noise cancelling microphone.

MOBILEER $39.95
RJ MOBILEER (without mike) $29.95

SONOTONE CORPORATION
Electronic Applications Division
Elmsford, New York

CM-30M

Specially designed communications microphone. Ruggedly built to take the punishment of mobile use. Shatterproof case. Push to talk switch. Supplied with spring-spiraled 4 conductor cable. With Magnet Mount for mounting on any metal surface, including auto dash board.

CM-30M .... List $16.50
CM-30 (without magnet) ....List $14.00

CM-31M

Budget priced communications model in shatterproof plastic. Frequency response 60 to 7,000 cycles per second. Two conductor cable, no switch.

CM-31M	List $16.00
CM-31 (without magnet mount)	List $14.00

CM-17A

13 inch flex-mike designed for base station use. Gooseneck mounting makes it easy to talk while keeping hands free. Frequency response 50-11,000 cycles per second. Equipped with 6 feet of shielded cable.

CM-17A List $24.50

STONER ELECTRONICS
Box 7388
Alta Loma, Calif.

AUDIO-RAM CLIPPER-PREAMP

Fully transistorized unit performs functions of compression amplifier, clipper, microphone preamp, and modulation indicator. Fits any transceiver. Supplied with all mounting hardware and full instructions.

AUDIO-RAM $34.95

TURNER MICROPHONE COMPANY
901 17th Street N.E.
Cedar Rapids, Iowa

MODEL 355C MICROPHONE

Grip to talk hand ease switch. High gain output. Response 80-7,000 cps.

355C (list) $12.50

MODEL 350C

Low-cost ceramic microphone for moble use. Tough plastic case. Complete with hanger button and standard dash bracket. 11 inch retracted, 5 foot extended cord. Wired for push to talk operation. Response 60-8,500 cps. Also available as crystal unit (350X) or carbon unit (350R).

350C	(list) $12.50
350X	(list) $12.50
350R	(list) $19.00

MODEL 254

Base station stand microphone, companion to 350C. Operates by lock-on touch bar switch. Comes wired for relay operation. One piece die-cast construction. Response 80-7,000 cps. Also available as model 254R (carbon), 254X (crystal) or J-254C (extra set of contacts for wiring into any CB set ever made).

254R	(list) $25.70
254C	(list) $23.50
J-254C	(list) $23.50
254X	(list) $23.50

UNIVERSITY LOUDSPEAKERS
Division of LTV-Ling-Temco-Vought, Inc.
Consumer Products Division
Oklahoma City, Oklahoma

MODEL 61

Dynamic omnidirectional communications microphone. High degree of immunity to mechanical shock, moisture, weather and temperature extremes. Response from 95 to 9,5000 cps. Push to talk switch. 6 foot long coiled cord, only 14 inches long when coiled. Panel mounting bracket.

MODEL 61 net $24.95

RUN — DON'T WALK
to your nearest dealer for
JAMES KNIGHTS
"GOLDEN LINE"
CITIZENS BAND
CRYSTALS

JK PRODUCTS

Dealer, distributor and manufacturer inquiries invited

The James Knights Company
Sandwich 2, Illinois

A NEW NAME . . .
for a "grand old company"

MULTI-PRODUCTS COMPANY
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Manufacturers of
QUALITY ELECTRONICS
Since 1947

present the same fine products:

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21470 COOLIDGE HIGHWAY
OAK PARK 37, MICHIGAN

CITIZENS BAND CRYSTALS

AMERICAN CRYSTAL CO.
P. O. Box 2366
Kansas City 42, Missouri
Crystals at .0025% tolerance $3.00

C.W. CRYSTALS
Box 2065
El Monte, California
MODEL HC-65F CRYSTAL
Miniature crystals in MC-6/u holders. Fundamental type in 13-14 mc. range for multiplying by 2 to the receiver or transmitter channel. 0.050" dia. pins.
HC-65F $3.45
MODEL HC-65-0 CRYSTAL
Similar to MC-65F but at overtone freq.
HC 65-0 ....$2.95
MODELX-3 (FT-243) CRYSTAL
.093" pins for all CB frequencies and multipliers.
X-3 ....$2.50

CLARK CRYSTAL CO.
CB Dept.
Marlboro, Mass.
CRYSTALS
Doublers or overtones. HC 6 holders. .005% tolerances. Prepaid or C.O.D. Specify manufacturer and model number.
CRYSTALS ....$ 2.95
SIX CRYSTALS $16.90
SIX PAIRS $30.00

GENERAL CRYSTAL COMPANY, INC.
372 Wilmont Avenue
Burlington, Wisconsin
CRYSTALS
For transmit and receive sections of transceivers of all manufacturers.
CRYSTAL $2.95

GENERAL RADIOTELEPHONE CO.
3501 W. Burbank Blvd.
Burbank, California
CRYSTALS
For all makes and models. 1 Full Year Guarantee. Fundamentals and overtones. $2.95

HALLICRAFTERS COMPANY
4401 West 5th Avenue
Chicago 24, Illinois
CRYSTALS
Crystals for CB3, CB3A, CB4. Available at dealers or from factory. $2.95

HUNT CORPORATION
Carlisle, Pennsylvania
HC-6 crystals for all makes and models of CB equipment. Prices vary.

INTERNATIONAL CRYSTAL MFG. CO.
18 N. Lee
Oklahoma City, Oklahoma
CRYSTALS
For all makes and models of CB units. Prices vary. No. 900 (crystals for trans/rec for all EXECUTIVE and KB-1 units) $4.75

JAMES KNIGHTS CO.
Sandwich, Illinois
CRYSTALS
Crystals for all makes and models of CB equipment. $2.00 and $2.95 depending on particular crystal needed.

OLSON ELECTRONICS, INC.
260 So. Forger Street
Akron 8, Ohio

CRYSTALS
Standard third overtone, A20S series.
CRYSTAL $1.99

SUN CRYSTAL CO.
P.O. Box 301
No. Miami 60, Florida

CRYSTALS
One year factory warranty. .005% tolerance. Specify make and model of set. Factory discount to CB clubs when order exceeds 25 pieces. Add 10 cents per crystal for postage and handling, 5 cents per crystal for .093 diameter pins when required.
CRYSTAL $1.95

PETERSEN RADIO CO., INC.
2800 W. Broadway
Council Bluffs, Iowa
TYPE Z-9R CRYSTALS
Calibrated to .005% for all makes and models of CB equipment. Transmit and receive.
Z-9R $2.95

TEXAS CRYSTALS
1000 Crystal Drive
Ft. Myers, Florida
CRYSTALS
Third overtone and all other crystals for every make and model of CB equipment.
CRYSTALS $2.95

U.S. CRYSTALS, INC.
1342 S. La Brea Ave.
Los Angeles 19, Calif.
CRYSTALS
Third overtone. .005% tolerance. Any unit.
CRYSTAL $2.95

WRIGHT ELECTRONICS
2537 Grand Avenue
Kansas City 8, Missouri
CRYSTALS
Seventy-one different types of crystals, one for every CB on the market. Prices vary.

MOBILE STATION ACCESSORIES

Citizens Band mobile station accessories deal, for the most part, with the problem of eliminating ignition, generator, gauge and other electrical noises from your vehicle so that CB reception will be more quiet and rewarding in the mobile. Since mobile noise is such a problem, many firms have developed specialized units to combat this noise.

Other mobile accessories include converters to allow you to tune in CB on your auto radio, auto-equipment burglar alarms, CB and AM antenna couplers, and many other items.

AMECO EQUIPMENT CO.
178 Herricks Rd.
Mineola, New York

MOBILE CONVERTERS

Powered from 12 vdc battery source. May be modified for home use. Converts 27 mc Citizens Band to standard auto radio. Tune auto radio to hear CB. Model CLA uses 12AD6, has .75 uV sensitivity. Model CLB uses 12AD6 plus 12EK6 tuned RF stage, has .25 uV sensitivity. Specify CB band when ordering.

CLA	$19.95
CLB	$24.95

SQUELCHANLIMITER

Squelch and noise limiter for auto or home receiver. Companion to mobile converters when using auto radio for CB reception. Reduces ignition noise and squelches receiver quiet when no signals are received. Uses 12 volt battery voltage. Adjustable squelch and switchable noise limiter. Also available for 6 volt cars.

SNL-12	$17.75

BEN N. BARTLETT CO.
1815 W. 85th Street
Los Angeles 47, California

NOISE SUPPRESSION UNITS

Noise suppression units for generators, regulators, ignition coils. Eliminates noise at source. No shielding necessary pre-tuned. Sealed against moisture,, oil, dust.

Regulator-standard filter (30 amp)	$ 2.95
Regulator-heavyduty (50 amp)	$ 3.25
Voltage Reg. Ign. Coil Ftr.	$ 2.85
Kit Regular Service (contains 2 regular regulator filters, 2 Ign. Coil Fltr.)	$ 9.95
Kit Heavy Service (contains 2 heavy duty regulator filters, 2 Ign. Coil Fltr.)	$10.45

COLUMBIA SUPER-FLEX ® RG-8/U

ULTRA FLEXIBLE FOAM
COAXIAL CABLE
from
Columbia

We believe **SUPERFLEX** Coax Cables are the finest available today — not only because of their appearance and flexibility but because they actually outperform any similar type of coaxial cable in use today. Ideal for Citizen's Band, Amateur use and Master television systems. Standard stockcolors are: **BLACK — WHITE — SILVER or BEIGE.** Cables can be furnished in a wide range of attractive high gloss colors to special order. Minimum order for other than stock colors — 5,000 ft. of a color.

PLEASE STATE COLOR CHOICE
Available in RG59/U, RG8/U and RG58A/U

Columbia
WIRE & SUPPLY CO.
2850 IRVING PARK ROAD
CHICAGO 18, ILLINOIS

Increase your business efficiency, safety and pleasure!
KAAR CB RADIO

Universal power supply / Snap-in, snap-out mountings / Plug-in portability / Dust protection / Time-proven reliability.

☞ **TR327B—Tops for CB enthusiasts.**
All 23 CB channels tuneable!
☞ **TR327—Ideal for Industrial Use.**
Exclusive front panel loading control!
☞ **TR327A—Best for Boating, Sports Cars.**
CB plus standard AM broadcast band!

Write for FREE Business and Citizens Comprehensive Frequency Chart.

KAAR ENGINEERING CORP.
2992 MIDDLEFIELD ROAD
PALO ALTO, CALIFORNIA

BUSINESS RADIO COMPANY
P.O. Box 5652
Minneapolis, Minnesota

"NOISTOP"

2 tube twin noise squelch attaches directly into transceiver-receiver wiring to effectively suppress noise from your auto, passing autos, neon signs, etc. Employs 12AX7 and 6AL5 tubes. Black perforated case attaches to your transceiver case with metal screws. Adjustable squelch level on unit.

"NOISTOP" $16.95

CADRE INDUSTRIES CORP.
20 Valley Street
Endicott, New York

24-32 VOLT DC SUPPLY

Adapts any 5 watt transceiver to operation from 24 or 32 volt sources such as is found on ship board. Available from dealers.

SUPPLY $14.95

ELECTRONIC COMMUNICATIONS. INC. (E.C.I.)
325 No. MacQuesten Parkway
Mt. Vernon, New York

TRANSISTORIED POWER SUPPLY

Replaces vibrator power supply unit is older transceviers, eliminates replacement of defective vibrators and vibrator hash in receiver. Available through dealers.

T.P.S. $21.90

CESCO
6151 Dayton Liberty Road
Dayton 18, Ohio

GENERATOR NOISE FILTER

Eliminates generator whine caused by auto generator, through tuned circuit. Sealed against moisture and dust. Available through dealers or direct.

NOISE FILTER $2.95

GLOBE ELECTRONICS
400 S. Wyman Street
Rockford, Illinois

GNS-1 GENERATOR NOISE SUPPRESSOR

Hi-Q parallel tuned circuit. Installs at generator.

GNS-1 .... $4.95

HALLET MANUFACTURING COMPANY
5910 Bowcroft Street
Los Angeles 16, California

SIGNAL SAVER SYSTEM

Complete shielded ignition system replaces your entire existing ignition system. Guaranteed by manufacturer to rid your auto of ignition and engine noise problems. Each installation is matched to a specific engine.

S.S.S. .... $56.25 up

THE HALLICRAFTERS COMPANY
4401 W. 5th Ave.
Chicago, Illinois

IGNITION SUPPRESSOR KIT

Effectively suppresses ignition noise in automobiles. Available at dealers.

I.S.K. $13.48

HA-11

Noise Eliminator $15.95

SP-3

Spark Plug-Suppressor Kit $2.95

HOLSTROM ASSOCIATES
P.O. Box 8640
Sacramento 22, California

DP-2 COUPLER

Coupler-duplexer allows simultaneous use of CB antenna for CB transmission and reception and AM broadcast reception. Twin outputs feed CB transceiver and AM car radio. Single input from combination antenna. DP-2 is a kit with detailed instructions for installation and assembly.

J & B GIFTS
6153 26th Avenue North
St. Petersburg, Florida

POLICE AUTO ALARM

Wires into auto ignition system with auto horn assembly. If auto is tampered with (when locked) the alarm sounds the auto horn. The horn continues to blow 15 seconds after tampering stops and will start again if tampering resumes. Operates 6 or 12 volt systems. Weighs 1¾ pounds, size 6x2x3. Guaranteed ten years in writing. Include 60 cents postage.

ALARM $9.95

E. F. JOHNSON COMPANY
299 SW 10th
Waseca, Minnesota

IGNITION SUPPRESSION KIT

Supplies effective noise suppression by shielding all wires carrying noise signals. Kit includes shielded cable, generator and distributor filters. Available at dealers.

250-801 .... $13.50

ELIMINOISE

Super-deluxe auto ignition system produced and designed by Hallet Mfg. Company. Available through E. F. Johnson dealers. Places effective noise blanking system over all ignition leads, etc. in car from which auto noise radiates. Requires screwdriver, and dykes for installation. Available for six and eight cylinder cautos.

ELIMINOISE ....Price not available

KOLIN ENGINEERING COMPANY
Box 357
Bronxville, New York

NL-1 NOISE LIMITER

Solid state subminiature noise limiter. Up to 27 db of noise attenuation. Will suppress noise from ignition systems, lightening crashes, atmospheric noise, electric motors, etc. Works on any supply voltage, 6, 12, 115, 220, etc. Requires no power. Three connections. Self adjusting

NL-1 .... $7.95

OZCO SALES
Granite Street Extension
Canaan, Connecticut

1-10'er

Citizens Band and AM coupler permits utilization of single mobile antenna for both CB and AM. Transmit and receive on CB and listen to AM radio simultaneously. Two outputs for CB and AM, one input from common antenna Fully automatic. Available from factory and dealers.

1-10'er $6.95

RAYTHEON COMPANY

Distributor Prod. Division
Unicenter, Westwood, Massachusetts

AUTO NOISE SUPPRESSION KIT

Kit to effectively suppress noise from your auto engine. Available in standard and deluxe kit form. Kit A includes everything normally needed for noise suppression. Kit B includes additional by-pass capacitors RC network and shielded generator wiring harness. Available at distributors.

KIT A $10.95
KIT B $24.95

SECO ELECTRONICS

1201 S. Clover Drive
Minneapolis 20, Minnesota

530 NOSE LIMITER

Signal filter unit houses in handsome black case wires into existing transceiver. Eliminates ignition noise, hash and background noise. Two vacuum tubes. Works on passing autos as well as your own auto ignition noise. Requires 150 volts B plus and 6 or 12 volts from your transceiver.

530 .... $15.88

SPRAGUE PRODUCTS COMPANY

519 Marshall Street
North Adams, Massachusetts

SK-1 SUPPRESSIKIT

5 easy to install basic parts for effective elimination of automobile noise. Full 60 ampere current rating on generator capacitor, built to withstand continuous duty operation in temperatures to 257 degrees F. Complete instructions. Available in Canada at Sprague-TCC Ltd., 50 Bertal Road, Toronto 15, Ontario.

SK-1 .... $17.85

WEBSTER MANUFACTURING COMPANY

317 Roebling Road
South San Francisco, California

IGNITION SHIELDING SYSTEM

5500 series complete shielding system replaces your present ignition system entirely. Easy to install, stops ignition noise at its source. Systems designed to fit specific engines. Write factory for details.

MODEL 5500 .... $66.50 up

BASE STATION ACCESSORIES

Citizens Band base station accessories include just about everything from plastic engraved call plates to antenna mounting linear amplifiers. Most of these items have specialized applications and few are competitive with one another. Many, are designed to be accessories with a particular brand and model of transceiver.

AMECO EQUIPMENT CORP.

178 Herricks Rd.
Mineola, New York

MODEL CLT CONVERTER

Will convert any single frequency or band of frequencies in the 27 megacycle band down to the broadcast band. Unit has own power supply. Allows use of standard AM radio for CB reception. Specify input and output (frequencies). With one crystal.

CLT $35.95

MODEL PV

Nuvistor preamplifier for CB transceivers, receivers. 20 db gain. Two tuned circuits, 6DS4 Nuvistor. 2.0 db noise figure at 27 mc/s. Requires 100-150 volts at 8 ma., 6.3 volts at .135 amps. Wired and tested. Specify 27 megacycles.

PV $13.95

MODEL BIU INDICATOR

100 microamp bridge on 2⅛ inch square meter that reads SWR, percentage power and percentage voltage. Switching provides for reading either one of two bridges. Satin finished copper panel and charcoal gray cabinet. Wired and tested.

BIU $15.95

MODEL SWB STANDING WAVE BRIDGE

To be left continually in the line to monitor standing waves (SWR). Will handle up to 1,000 watts from 1.8 to 225 megacycles. Contains two SO-239 connectors (UHF type). Wired and tested.

SWB $9.95

LOW PASS TVI FILTER

Low pass filter supresses all harmonics, spurious images and products above 40 megacycles. Effectively eliminates TVI by curing it at your transmitter. Will keep your signal out of 45 megacycle i.f.'s and off of TV channels. Mounts at transmitter between transceiver and antenna. Does not affect receiving.

LN1 (uses RCA phono jacks) $2.25
LN2 (uses SO-239 connectors) $3.75

ANTENNA SPECIALISTS COMPANY

12435 Euclid Avenue
Cleveland 6, Ohio

"BLACK BOX"

Mast mounting transmitting and receiving preamplifier-amplifier. Unit consists of 4 tubes and associated circuitry which mounts in weatherproof box in series with coaxial feedline, at the antenna. Effectively boosts received signals 20 db and adjusts modulation level on transmitter signal providing 10 db additional transmitter gain. Remote power supply mounts at transceiver control, sends 30 volts AC power up coaxial feedline to power "Black-Box" amplifier. Unit similar to mast or antenna mounting television amplifiers, except it performs on both transmitting and receiving.

"Black Box" $79.95

BAINBRIDGE RADIO
2649 Bainbridge Avenue
New York, New York

DUAL CONVERSION ADAPTER

Outboard attachment for single conversion transceivers, converting them to double conversion units. Unit consists of mixer stage and i.f. amplifier. Affords improved selectivity and sensitivity for the following single conversion transceivers, comparable to double conversion units: Lafayette HE-15, 15A; Dewald TR-800, 910; Olson RA-395, 449; Lafayette HE-20, 20A; RCA Mark VII; Eico 770, 771, 772; Gonset GW-10. Unit in Kit Form.

Dual Conversion Adapter $17.50

SPEECH CLIPPER KIT

Assembled on 2x3x5 chassis. Allows for audio amplification between microphone and transceiver of up to 250% for more talk power. Clipper level control, output level control. High pass filter for shaping your voice to most potent portion of the audio spectrum. Kit complete with all parts, punched chassis, wire, schematic, pictorial diagram and instructions for adding to your transceiver.

S.C. KIT $19.85

BUSINESS RADIO, INC.
P.O. Box 5652
Minneapolis 17, Minnesota

S-METER

Complete S-meter in high impact plastic case. Printed circuit utilizes 2 transistors for highly accurate measurement of change in AVC voltage. Slide switch for off and monitor positions. 1 battery required.

S-METER $9.95

CADRE INDUSTRIES CORP.
20 Valley Street
Endicott, New York

500-1

Same transceiver as model 500. Unit is installed in specially designed portable carrying case by Cadre to take advantage of light weight and portability of unit, for field operation from self contained battery supply. Includes carrying case shown, recharging network, portable antenna and carrying handle for models 510, 515 and 520. Available at dealers.

500-1 .... $29.95

500-2

Rechargeable power pack unit for 500-1 and C-75 hand held. Six volt nickle cadmium rechargeable battery. Available at dealers.

500-2 .... $10.95

522

Transistorized power and S meter. Measures RF power output and incoming receiver signal levels. Fits all Cadre transceivers, can probably be adapted to others.

522 .... $24.95

523

Bandpass filter that is designed to eliminate CB transceiver interference to any other service including television reception. Sharp cut off in passing ability below 25 megacycles and above 32 megacycles. Will easily handle 5 watt CB signal. No loss on receiving. Available at dealers.

523 .... $7.95

CI-BAN ELECTRONICS
P.O. Box 401
Fort Lee, N.J.

CRYSTAL RECEIVE CONVERTER

Converts tuneable receivers to optional crystal controlled reception. Fits Lafayette HE 15, HE 15A, HE 15B, USL/TR 800, Dewald TR 910, TR 910B. Two crystal receive. One normal receive position. Installs in minutes without wiring changes. Plugs in. Complete with one crystal.

C.R.C. $12.95

COLUMBIA WIRE AND SUPPLY CO.
2850 West Irving Park Road
Chicago 18, Illinois

COAXIAL CABLE

Manufacturers of quality coaxial cable for 27 megacycle citizens band applications. Features RG-58/U and RG-8/U as well as low-loss teflon cable in decorator colors, including purple, red, green, brown, white, blue, and orange. Sold through dealers and distributors.

CONTINENTAL ELECTRONICS & SOUND (CESCO)
6151 Dayton Liberty Road
Dayton 18, Ohio

PHANTOM DUMMY LOAD

52 ohm dummy load for tuning transmitter.

PHAMTOM $1.49

CUSH CRAFT
621 Hayward Street
Manchester, N.H.

LIGHTNING ARRESTER

Provides lightning protection for all CB equipment using coaxial cable lead in. Also acts as an effective static drain cutting down noise from atmospheric sources. Goes into feedline between transceiver and antenna, usually outside building where an earth ground is available. Does not decrease receive or transmitted signal. Available at dealers.

ARRESTER $3.95

R. L. DRAKE COMPANY
540 Richard Street
Miamisburg, Ohio

TV-CB-LP LOW PASS FILTER

Attaches to 27 megacycle transmitter with negligible insertion loss and attenuates harmonics which might otherwise be radiated to nearby TV receivers, thereby causing interference. Available from dealers.

TV-CB-LP $6.95

GENERAL RADIOTELEPHONE COMPANY
3501 West Burbank Blvd.
Burbank, California

SIDEBAND TRANSMITTER-RECEIVER

Sideband transmitter adapter is a linear amplifier with phasing network to eliminate carrier through balanced modulator system. Output is actually double sideband product. Linear is capable of powers of up to 25 watts AM input and 50 watts P.E.P. sideband single tone test input. Also covers ten meter amateur band. Sideband receiver adapter wires into existing transceivers using 450-455 kc i.f. range, designed for General MC-5. Privides beat oscillator for sideband signal to beat against in receiver. Also turns squelch control into RF gain control in MC-5.

SIDEBAND TRANSMITTER (Tentative) ..$99.95
SIDEBAND RECEIVER ADAPTER $19.95

HALLICRAFTERS COMPANY
4401 West 5th Avenue
Chicago 24, Illinois

S-METER

S-meter kit for CB 3A transceiver, found in transceiver portion of this directory. Special design to flush mount in transceiver case. Available at dealers.

HA-9 .... $8.95

HA-14

Battery pack for field or portable use of Hallicrafters CB-5 transistorized transceiver. Available at dealers.

HA-14 .... (less batteries) $29.95

P-5-120

AC power supply for CB-5 12 volt DC transistorized transceiver from Hallicrafters. For base station operation.

P-5-120 .... $49.95

HAMMARLUND MFG. COMPANY
53 West 23rd Street
New York 10, New York

OCT-X 8 CHANNEL SELECTOR

8 channel push button transmit selector for adapting Hammarlund HQ-105TR to 8 channel transmit operation. Available at dealers.

OCT-X $15.95

THE INTERNATIONAL WIRE & CABLE CO.
1665 N. Milwaukee Avenue
Chicago, Illinois

COAXIAL CABLE

Manufacturers of quality coaxial cable for 27 megacycle citizens band applications. Features RG/8U, RG/58U foam low-loss cable. Special discounts to dealers who can order in 1,000 foot rolls or more. Complete catalogue available.

KAVIN ENGINEERING COMPANY
89 West Main Street
Penacock, New Hampshire

23 POSITION SWITCH

Electrically symmetrical 23 channel selector switch. Mounts on any tuneable receive transceiver. Guaranteed to work. This unit will take

E-Z-In

CBL CARD PACKET

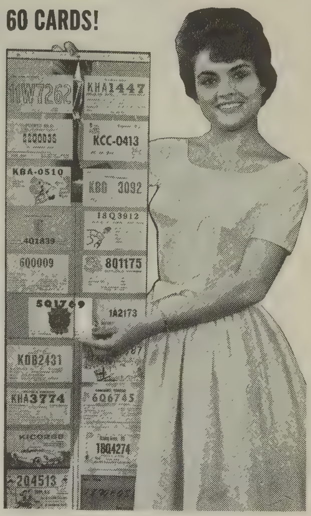
$1.00 FRAMES — 60 CARDS!

EACH PACKET FRAMES AND DISPLAYS 20 CARDS IN CLEAR PLASTIC

POCKETS OPEN AT CENTER TO RECEIVE CARDS EASILY

1 Packet 35c
3 Packets 1.00
10 Packets 3.00

SOLVES CARD DISPLAY PROBLEM AND DRESSES UP SHACK INSTANTLY!



Postpaid & Guaranteed — Order Today!
CB Suppliers and Agents write for FREE SAMPLE and Attractive proposition.

TEPABCO Dept. C-8
Box 198 — GALLATIN, TENN.

"BIG-DADDY THREE ELEMENT BEAM"

AVAILABLE NOW —— the famous Big Daddy (7W0464) 3 element beam. Vertical or horizontal. Precision engineered and constructed. 8. 56 db forward gain. 18 db front-to-back. 18 foot boom, 18 foot elements. Matches RG-8/U or RG-58/U, VSWR 1.2 to 1 or better. You've heard it on channels 3,5 and 15 for the past year during exhaustive field tests. Heard reports have come from Honolulu to London! This is the very best there is! Available ready to put up, or schematic plans available — you build it yourself!

"It's not what you have downstairs —
it's what you have upstairs on the roof
that counts."

BIG-DADDY 7WO464 CBH
10932 Lantana Avenue
TAMPA, FLORIDA

Name________________
Address________________
City____________ Zone______ State______

SEND BIG-DADDY BEAM ($70.00 total price — $20.00 deposit required) . . . SEND BIG-DADDY SCHEMATIC ($5.00). Sorry, no C.O.D.

any suitable crystals you may have in stock for crystal receive with your transceiver. Price with dial, mounting hardwear and instructions, but without crystals, is under $35.00.

LAFAYETTE RADIO COMPANY
P.O. Box 10
Syosset, L.I., New York

HE-55 Squelch

Add on squelch unit for units without convenience of squelch operation. Adapts to all Lafayette transceivers. Two tubes, 6AL5, 12AX7. With instructions and cable.

HE-55 .... $10.05

TM-59A S-Meter

Single 6C4 tube. Connects to AVC system of transceiver, uses Wheatstone Bridge circuit. Measures levels to 40 db above S-9.

TM-59A $7.95

NORTHWEST ENGRAVINGS
P.O. Box 216
Corvallis, Oregon

ENGRAVED PLASTIC PLATES

Special low prices on engraved call letter plates for CB operators. Adhesive backed radio call sign plates. Average size approximately ⅝ inches by 2¼ inches.

RS-1 (call only)	$1.45
RU-2 (Call plus unit number)	$1.95
RM-3 (Call plus mobile number)	$1.95

REGO INSULATED WIRE CO.
830 Monroe Street
Hoboken, N.J.

Manufacturers of quality coaxial cable for base and mobile CB applications. Complete line of low-loss coaxial cables and connectors available to small dealers, club groups who can meet minimum order requirements, as well as larger dealers and distributors. Complete catalogue available.

ROHN MANUFACTURING COMPANY
P.O. Box 2000
Peoria, Illinois

TRT STAND SERIES

Logical answer to mounting CLR, Magnum, Super Beacon, other ½ wave antennas on flat or titled roof. Three legged stand cross braced for added strength gets the antenna enough above the roof so as to diminish adverse affects of roof on antenna. Makes mounting of ½ wave antenna one man job. Available in three models. See your Rohn distributor or dealers, or write company direct.

MODEL TRT 30	2½ foot version
MODEL TRT 36	3 foot version
MODEL TRT 60	5 foot version

SECO ELECTRONICS
1207 S. Clover Drive
Minneapolis 20, Minnesota

SIGNAL FILTER

Model 530 electronically cleans up signal on receive, removing ignition noise and other static. Adjustable squelch, replaces squelch in transceiver. Noise clipper clips out noise. Operates from 6 or 12 vdc, or B supply of 150 volts.

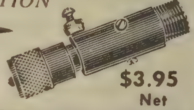
530 .... $15.88

CITIZENS BAND EQUIPMENT
LIGHTNING PROTECTION

"BLITZ-BUG"

- For any standard coaxial cable
- Will not effect performance

See your Local Distributor



$3.95 Net

CUSHCRAFT 621 HAYWARD ST. MANCHESTER, N. H.

- 12 CHANNELS CRYSTAL CONTROLLED
- DUAL POWER
- 0.3µv SENSITIVITY
- 30db SELECTIVITY

SUGGESTED LIST $149.50

Designed for top performance and rugged reliability

HALLMARK 512 CB TRANSCEIVER

See your dealer or write for name of your nearest dealer to:

HALLMARK INSTRUMENTS, INC.
6612 Denton Drive • Dallas 35, Texas

SAVE MONEY ON JOHNSONS

order yours from . . .

CLOUD "9"

Your Messenger Two or Viking will be DELIVERED TO YOUR DOOR PREPAID at the lowest price ANYWHERE.

Both 6V and 12V models in stock for SAME DAY SERVICE. We'll send prices to you Air Mail, if you write **AT ONCE - NOW - INSTANTLY**. You'll be glad you did!

— NO WAITING —

CLOUD "9" — Box 313, Azusa, Calif.

P. S. Special prices to dealers and C. B. Clubs

Revised and Expanded Listings of

CB Equipment Dealers

This listing has been painstakingly compiled from approximately 3,750 known dealers and distributors of CB radio products.

In a sense, this listing is the cream of the crop. These are by far the most active (and anxious for your business) people in the CB dealer-distributor world.

This list is the copywritten property of Horizons Publications, Inc. (1025 N. Broadway, Oklahoma City 1, Oklahoma) and all information contained in the listing has been coded to detect unauthorized use.

Manufacturers desiring to use this list for mailing purposes may do so after first obtaining the permission of Horizons Publications, Inc.

HOW TO USE THE LIST

This list in intended for the use and reference of CB radio operators traveling in strange country, new to CB, or just curious about the dealers in their area.

In almost all cases, the listings include the call letters and monitoring channels of the dealers or distributors involved. When you are mobile within radio range of these stores, it is perfectly permissible to call the store on your radio, using the appropriate channel, to inquire about parts, services, etc. This is precisely why this information is provided.

The store operating hours and brands carried were accurate at the time of compilation, from information supplied to CB Horizons by the nearly 300 dealer-distributors listed.

If your store is new, old or blue, **and not included in this listing,** you may submit listing material to the attention of the editor for inclusion in an up-dated listing this winter.

CANADA

(Note: The August 1962 CB Equipment Directory contained nearly 50 G.R.S. dealers and distributors. It has been our experience that many of these firms, who were active in CB last year, are no longer active. This abbreviated listing is for firms who have reconfirmed their activity in the 27 megacycle field during our survey period.)

ONTARIO

Belleville — M.I. Supply Co., Ltd., 76 Harriett Street. Superior Electronics and Lindsay Specialists. Open Mon.-Fri. 8 to 5, Saturdays 8 to 12:30. Frequency checks. XM48046 monitors channel 11.

Toronto — Electro Sonic Supply Co., Ltd. 543 Yonge Street, Toronto 5. Johnson, Cadre, Sonar. Open weekdays 9 to 6, Saturday 9 to 1. XM41075 monitors channel 11.

Toronto — Radio Trade Supply Ltd., 490 Yonge Street. Lincoln, Utica/Lindsay, Cadre, Sharp, Fanon-Masco. Open Mon.-Fri. 8:30 to 6 PM. Saturday 8:30 to 5 PM. XM41080 monitors U.S. 8, Canadian 5.

QUEBEC

Montreal — Excel Dist. Inc., 8601 St. Lawrence Blvd. Raytheon, E.C.I., Johnson, RCA. Installations and frequency checks on own sets. Open 8:30 to 6 weekdays, Saturday 8:30 to 1. XM52502 monitors channel 11.

Quebec — Excel Dist. Inc., 881 Blvd. Charest E. Same lines, hours as Montreal store. XM52048 monitors channel 11.

Sorel — Excel Dist. Inc., 97 Rue Prince Street. Same lines, hours as Montreal store. XM52046 monitors channel 22.

Ville Le Moyne — Excel Dist. Inc., 1502 Blvd. Taschereau. Same lines, hours as Montreal store. XM-52044 monitors channel 22.

ARKANSAS

Little Rock — Southern Elec. Corp., 1419 Main Street. Sonar. Open Monday-Friday 8 to 5:30; Saturday 8-1 PM. KEA2128 monitors channel 16.

Little Rock — Stanley Sound Service, 915 West 23rd Street. Cadre. Installations performed. Open Mon.-Fri. 8 to 5 PM. Saturday 8-12 noon. 8Q0678 monitors channel 4, but not consistently.

ARIZONA

Tucson — Mi-Art Electronics Co., 3364 S. 6th Avenue. Hallicrafters, Johnson. Service and installation work. Open 9 AM to 8 PM Monday thru Friday, Saturday to 7 PM. KEJ6087 monitors 11.

CALIFORNIA

Canoga Park — Sandy's Elec., 21305 Saticoy. Johnson Gonset, Stinger, AS/P, De Wald, Noistop. Sell only. Open 10 AM-8 PM wkdays, 10-4 Sundays. 11Q2614 monitors channel 1, 10-8 daily.

Covina — G & H Electronics, 545 N. Citrus. Johnson. Open 9 to 6. KEJ2674 monitors channel 18.

Downey — Master Elec., 8356 E. Firestone
General, Sonar, Globe, Webster, Lafayette, Polycom, Hy Gain, AS/P, Master Mobile, Noistop, Gizmotchy. Sell and service. Open 10 AM-9 PM wkdays, 10-6

Sat. Call pending, monitors channel 11 when store is open.

Eureka — Burgh's, 28 West Wabash
Citi-Fone, Sonar, General, International. Sell and service. Open 8 AM-8 PM. Modifications and Freq. Cks. 12W2981, monitors channel 4 while store is open.

Fresno — Mobile Radio Sales, 1215 W. Dayton
General Radiotelephone and used equip. Sell and Service. Open 10 AM-9 PM. Modifications and Freq. Cks. 12W2295 monitors channel 9 while store is open.

Hollywood — Pacific Radio, 1351 Cahuenga
Eico, General. Sell only. Open 8:30 AM-6 PM. 11—7343.

Inglewood — 11158 So. Inglewood
Kaar, General, International. Sell and service. Modifications, Freq. Cks., installations, tune-up. Open 9 to 9. 11W6001, monitors channels 11 and 20.

Long Beach — Scott Radio, 266 Alamitos
Johnson, Hallicrafters, Eico, Sonar. Sell only. Open 8:30 to 5:30. 11W2601.

Los Angeles — Federated Purchaser, 11820 West Olympic. Eicom, Heath, Johnson. Open 8:30 to 9 PM Mon.-Fri. Saturday 8:30 to 5:30. 11W8629 monitors channel 9.

Los Angeles — Marina Communications, Inc. 11527 W. Washington Blvd. Marina's Buddy Line of transmitters and receivers, Utica. Installation and service on sets sold. Open Tues.-Saturday 9 to 6. 11Q-4128 stands by on channel 1.

Los Angeles — Radio Product Sales, 1501 So. Hill Street. International, E. F. Johnson, General, Hallicrafters, Sonar, Pearce Simpson, Cadre, Hammarlund, Osborne. Open 8:30 to 5:15 Mon.-Fri. Saturday 9 to 3. Service, frequency checks, installations. 11W7159 stands by on channel 1.

Menlo Park — C-D Comm., 1081 El Camino
Raytheon, Webster, ECI. Sell and Service. Modifications, Freq. Cks., Marine Service. Open 9 to 9 Wkdays. 12W3219, channel 11.

Menlo Park — Modern Communications, 3219 Middlefield Road. Monitors channel 11, 20.

Oakland — Victor Electronics, 3519 MacArthur Blvd. Cadre, ECI, RCA, International, General, Johnson, Gonset. Service work, installations, frequency checks. Open M.W.F. 9 to 9. Tues., Thur. 9 to 5:30. 12W3104 stands by channel 3.

Pasadena — Dow Radio, 1759 E. Colorado
Johnson, Globe, Poly-com, Gonset, Hallicrafters. Sell only. Open 8 AM-6 PM, M.-F. open 8-9. 11W8505 monitors 7, 15.

Riverside — Mission Ham, 5472 Mission Blvd.
Johnson, Hallicrafters, Globe, Gonset, AS/P, Master Mobile, Crystals, Phone Patches, frequency cks., alignment. Sales and Service. Open 9-9, 7 days per week. KEJ4434 monitors channel 9.

Sacramento — Selectronics, 4113 Franklin
Hallicrafters, Johnson, International, Jones, Hy-Gain, Master Mobile, Telrex. Sell only. Store hours, W. Th., F., Sat. 10 AM-6 PM. 12W1323 monitors channel 11.

San Francisco — Affiliated Electronics TV Supply Co., 1550 Howard Street. Kaar, Raytheon, Cadre, General, Sonar, I.S.C., Pearce Simpson. Frequency checks, installations, service work. Open 8:30 to 5:30. 12W-2969 monitors channel 11.

San Francisco — B H & J, 3845 24th St.
International, Webster, General. Sell, service modifications, Freq. Cks., Open 9-5. 12W2083 monitors channel 20 during store hours.

San Bernardino — Arrowhead, 1216 "D" St.
Kaar, Utica, USL, Hallicrafters, Keltner, Globe, Spacefone, Transcendor, Personalphone, PR Xtals, Master Mobile, AS/P. Sell and Service. Modifications, Freq. Cks. Open 9:30-6:30. 11W1552, monitors channel 19 when store is open.

San Bernardino — Kelsey Electronics, 4095 Sierra Way. Crystals, antennas, field strength meters, frequency checks, alignment. Open 8 AM-5 PM, 7 PM-9 PM, Monday to Saturday. Monitors channel 9.

San Leandro — Clydes Communications-Electronics, 15796 E. 14th Street. General, Globe, Gonset. Service installations, frequency checks. Open 10 to 8. 12W1076 monitors 7, 11, 15.

San Luis Obispo — Sepost Radio, 344 Higuera
Paco, Monarch, Hi-Yi, Sell-Service, modifications. Open 10:30-5:30, Tu.-Sat.

Santa Ana — Arrow Sales Santa Ana, Inc., 2713 South Main St. Raytheon, Monarch, Hallicrafters, Johnson, Polytronics. Open Mon.-Fri. 9 to 9. Saturday 9 to 6. Sun. 10 to 4. 11W7153 monitors channel 10.

South Gate — Clairborne, 4085 Tweedy Blvd.
Johnson, International, Gonset, Marina, ECI, Hy-Gain, Noistop, Hammarlund, Seco. Sell only, with Freq. Cks. Open 9-9. 11Q3303, monitors channel 9 during store hours.

Taft — Porter TV Service, 420 Wood
RCA. Service only. Open M-Th. 4:30-9:30 PM, Fr. Sat. 8-3 PM and 7-9 PM. 11W7597 monitors channel 9 during store hours.

Vallejo — Electronics' Best Buys, 1219 Monterey Street (just off Tennessee). Cadre, DeWald, Panisonic. Open Mon. & Fri. 12 to 9. Tues., Wed., Thurs., Sat. 9 to 6. 12W0452 monitors channel 11.

Van Nuys — Thrifty Electronics Co., 13647 Burbank Blvd. Cadre, Johnson, Raytheon, Master Mobile, Vocaline. Frequency checks, installations and service work. 11Q3465 monitors channels 5, 7, 9, 11, 15.

West Covina — West Covina Electronics, 610 S. Sunset Ave. DeWald, Globe, Johnson, Philmore, Daystrom. Installations. Open Mon.-Sat. 9 to 7, Sun. 10-4. 11W8962 monitors channel 9.

Whittier — TP Electronics, 14104 East Lambert Street. Johnson, Gonset, General Radiotelephone. Open Mon.-Fri. 9:30 to 9, Saturday 9:30 to 6, Sunday 11-4. Service, installations and frequency checks. KFA0406 monitors channel 1.

COLORADO

Denver — Radio Prod., 1237 16th Street
Hallicrafters, Hammarlund, Johnson. Sell only. Open M-Sat. 8:30-5:30. 15Q0483, monitors channel 11.

CONNECTICUT

Bridgeport — Kaufman Electronics, Inc., 73 Frank St. Johnson, Utica, Fannon. Open 9 AM to 5:30 PM. Mon.-Fri. Saturday 9-1. 1Q2623 monitors channel 11.

Groton — Al's Radio & Tele. Co. (Lafayette Assoc. Store), 171 Thames St. Lafayette. Sonar, Sampson, ECI Courier. Service, frequency checks, installations. Open 9 to 6 daily. To 8:30 PM Friday. 1Q1170 stands by on channel 11.

Hartford — Corky's, 100 High Street
RCA, Gonset, Hallicrafters, Johnson, Vocaline, International. Sell only. Open 9-5. 1W6512, monitors channel 11.

Hartford — Dressler Electronic Jungle, Inc., 325 Trumbull St. Utica, Polycom, Cadre, Lafayette, Gonset, Hammarlund. Service, frequency checks, installations. Open 9 to 5:30. 1W2313 monitors channel 11.

Hartford — Hatry Electronic Ent. Inc., 100 High Street. Johnson, Hallicrafters, Hammarlund, AS/P, Hy-Gain. Open 8:30 to 5 weekdays (Thurs. to 9), Sat. 8:30 to 12:30. 1W6512 monitors channel 11.

New Haven — Radio Electronic Supply Co., 57 Whalley Ave. Mesur-Matic, Cadre, Utica, Lafayette, Turner, Texas Crystals. Service work. Open 9:30 to 6 daily, Thurs. to 8 PM, Sat. 9-5. 1W5407.

DISTRICT OF COLUMBIA

Washington — Electronic Whsle., 2345 Sherman
Polycom, Utica, RCA, Osborne, Johnson, Hallicrafters, Eico, Gonset. Sell only. Open 9-5:30 wkdays, 9-1:30 Sat. Monitors channel 22.

Washington — Silberne Radio, 3400 Georgia
Globe, Sonar. Sales only. Open 8:30-5:30 wkdays. Sat. 8:30-1 PM. 4W2106, monitors channel 11.

FLORIDA

Lake Placid — Dingman Radio-TV Appliance, Box 407, 239 Interlake Bldg. AS/P, Gonset, Globe, Johnson, Pearce Simpson. Installations. Open Mon.-Thur. 8-6, Friday to 7. Sat. til 8 PM. 7Q1286 monitors channel 2.

Niceville — Fincks, 336 Bayshore Drive
Open 7 AM-12 PM. 7W2442, monitors channel 7.

Orlando — Lemuel H. Hunt, 1209 29th Street.
International, Johnson, Vocaline, ECI, James Knights Crystals, AS/P. Free freq. cks., 7W1971, monitors channel 9, 8 AM-6 PM, Monday through Saturday.

Sarasota — Citizens Band Radio, 380 Harding Circle, St. Armands Key. International, Globe, Citifone, DeWald, all accessories. Open 9-5:30 weekdays, 7-9:30 PM Wednesday, Friday. Monitor 9.

Sarasota — R. F. Wendt Radio and TV, 5177 Riverwood Ave. Browning, International, others. Service, installations, frequency checks. Open 9 AM to midnight 7 days per week. 7W1913 monitors 9.

GEORGIA

Cartersville — Ga. Electronic Supply
Open 6 PM-9 PM weeknights, 9 AM-6 PM Saturday. Sell-service. 6W7231, monitors channel 21 during store hours.

Grove Town — James W. Arnold, Box 29
Globe, Lafayette. Open 5 PM-10 PM. 6Q6630, monitors channel 11.

ILLINOIS

Champaign — Electronic Parts, 905 S. Neil
Johnson, Utica, Hammarlund. Sell only. Open 8 AM-5 PM Mon.-Fri., Sat. 8-12. 18W5722.

Chicago — Allied Radio Corporation — Stores at 100 N. Western, 1201 Washington Blvd., 2025 West 95th, 921 Rush Street. Knight, Knight-Kit, Johnson, Hallicrafters, Multi-Products, Eico, Vocaline, Poly-Comm, Sonar, Kaar, Cadre, Hy-Gain, Newtronics, Master Mobile, Cesco, Mosley. 18W3070.

Chicago — Green Mill, 145 W. 111th St.
Johnson, Sonar, Pearce-Simpson. Sell only. Open 9-6 daily. 18W4098, monitors channel 7 during store hours.

Chicago — Meeco, Inc., 2941A West Touhy Avenue. Sampson, Regency, Sonar, Cadre, Utica, General. Service, frequency checks, installations. Open Mon.-Sun. 9-6, Mon. & Thurs. evenings. 18B0964 stands by on channel 9.

Evanston — Allied Radio Corp., 602 Davis Street.
Same lines as Chicago stores.

Galesburg — Knox Electronic Supply., 67 North Cherry Street. Johnson, Utica, Eico. Service, installations. Open 8:30 to 5 Mon. thru Sat. 18W2502.

Lisle — Hankinson Supply, 1909 Ogden
International, Layfayette, General. Sell and service. Open 8 AM-6 PM Tues., Wed., Thurs. Mon. and Fri., 8-9, and 9-1 on Sunday. 18W8348, monitors channel 9, 8 AM-6 PM.

Oak Park — Allied Radio Corp., 7055 West North Ave.
Same lines as Chicago store.

Peoria — B and A, 2039 W. Humbolt
International, Hallicrafters, and manufacturing of SWR meters, B and A Gen-O-Trap, dummy loads. Sell and service, modifications, Freq. Cks. Open 8:30 to 7 PM. 18W2026, 18W7805, monitoring channel 9 from 9 AM to 7 PM.

Peoria — Klaus Radio and Electric, 403 E Lake Street.
RCA, Johnson, Globe, Hammarlund. Distributor only.

Roanoke — Tri Von, Box 132
International, AS/P, Stinger, Sonotone, Sell, service, modifications, Freq. Cks., alignment, suppression of noise. Open 9-5, 7:30 to ????. 18W9729, 18W9730, monitors channels 9-14 during store hours.

INDIANA

Anderson — Ballinger Television, 408 E. 8th
International, L-Coil, Knight Crystals, Vocaline. Sell-service, modifications, Freq. Cks. Open 9-5. 18W2183, monitors 9-19 during store hours.

Bloomington — Lefferson Radio, 405 S. Walnut
Vocaline, General, Hallicrafters, Hy-Gain, Tenna, Newtronics, Turner, Ross, Pierce-Simpson, Philmore, DeWald, Cush-Craft. Sell-service. Open 7:30-6 PM. 18W3627, monitor channel 12 during store hours.

Fort Wayne — CB Two Way Radio, 2801 Broadway. International, Poly-Comm, Cadre, Multi-Products. Service, installations, frequency checks. Open 8:30 to 5:30. KHA0113 monitors channels 2, 11.

Hammond — Community Radio and Sound.
International, Raytheon, Pearce-Simpson, Vocaline, ECI Courier. Service, frequency checks, installations. Open Mon.-Sat. 9 to 9. 18W7461 monitors channel 22.

Indianapolis—Brown Dist. Co., Inc., 3746 College Ave. AS/P, Hy-Gain, James Knights, Cesco, Ameco, Turner, Astatic, Johnson, Sonar, Hallicrafters, International, Dewalk, Poly-Comm. Open 8:00 to 5:30 PM Mon.-Friday. Sat. 8-4. 18W9331 monitors channel 20.

Indianapolis — Electronic Dist. Inc., 5603 East Washington St. Johnson, Hallicrafters, EICO, Courier, Pearce Simpson, International, Sonar, DeWald, Poly-Comm, James Knight, Philmore. Open Mon.-Fri. 8-6, Saturday 8-5. 18A5617 monitors 20.

Indianapolis — JaMor, Inc., 1705-07 E. Michigan Street. All major lines. Service and installations. Open 9-6 Mon.-Fri. 9 to 5 Saturday. 18A7901 monitors channel 1.

Indianapolis — Van Sickle, 4131 N. Keystone
Eico, AS/P, Hallicrafter, Regency. Sell, service, Freq. Cks. Open 9-6 daily.

Jefferson — Moakler Electronics Supplies, 500 E. Chestnut. Raytheon, Vocaline, International, Pearce Simpson, Regency, EICO. Frequency checks. Open 8-5:30 daily except Wednesday. Close noon Wed. 18W5745 monitors channel 2.

Muncie — Muncie Electronics Supply, 222 N. Madison. Hallicrafters, RCA, Utica, Sonar, Johnson, Globe, Regency. Open 8 AM to 5 PM Mon.-Fri. 8 to 1 on Saturday. 18Q5432.

South Bend — Colfax Co., 747 S. Michigan
Polycom, Gonset, Citifone, Eico, Regency. Sell only. 8:30-5 PM daily.

IOWA

Clarinda — Clarinda TV, 415 North 13th.
Hallicrafters and most others. Service, installations. Open 8-9 all week. 17W5367 monitors channel 7.

Iowa City — Bob Vogel, R. Rt. 2
Johnson, ECI, AS/P, J. K. Crystals. Sell only. Service available however. Open anytime, day or night. 18A5401, monitors channel 18.

Marshalltown — Hubies R/C and C/B Sales, Route 1.

Johnson. Service and installation. Open 8 AM to 9:30 PM. 17W3965 monitors channels 11 and 6.

KANSAS

Baxter Springs — Commercial Elect., 411 East 13th St. International, sales and service. Modifications and Freq. Cks. Also custom work. Open 8 AM-9 PM. 17Q1060 monitors channel 22.

Great Bend — Radio Supply Co., 1910 Tenth. 17W-0964. Distributor.

Salina — Radio Supply Co., 1809 S. Broadway. Distributor.

Wichita — Radio Supply Co., 115 Laura. Distributor.

KENTUCKY

Louisville — Peerless Electronic Equipment Co., Hallicrafters, Globe, Sony. Distributor. Open Mon. thru Fri. 8:30 to 5:30. 18W5290 monitors channel 4.

MAINE

Lewiston — Lewiston Elect., 11 Bellgarde International sales and service, modifications, Freq. Cks. Open 9 AM-10 PM six days a week. 1Q1212, 1W3351 monitors channel 11.

Portland — Radio Service, 42 O'Brion St. Citifone, Pearce Simpson, Hallicrafters, Johnson, ECI. Sell, service, modifications, Freq. Cks. KBA0846, monitors channel 1 — 24 hours per day.

South Portland — Casco Bay Electronics, 37 Cash Street. Webster, Raytheon, Vocaline, Hallmark. Service, installations, frequency checks. Open 8 AM to 9 PM. KBA6575 monitors channel 11.

MARYLAND

Baltimore — Amateur Radio Center, 2208 Fulton Ave. Sonar, Pearce Simpson, Utica, Hallicrafters, Webster, Raytheon, Gonset, Johnson, General, Vocaline, ECI, Courier, Masco. Service, installations, frequency checks. Open Mon. thru Sat. 9:30 to 5:30. 4W-1753 monitors channel 11.

Boston — Lafayette Radio Electronics (Assoc. Store), 110 Federal Street. Lafayette and all major CB lines. Open Mon. and Wed. until 8:45 PM. Service on Lafayette radios. 1W2840.

MASSACHUSETTS

Fall River—Universal, 345 Frost Street International, Cadre, Mark, Stinger, Courier. Open 8 AM-9 PM. 1W2058, monitors channel 9, 8 AM-11 PM.

Granby—Jiffy 5 Corners Modifications, customizing of gear, 1W4849 monitors channel 7.

Greenfield — Fairbrothers Radio, 29 Alden International, sales and service. Modifications, Freq. Cks. 1W1470, monitors channel 11.

Maynard—Middlesex CB Sales and Service, 49 Concord Street. Tram sales and service. CB accessories, beams, antennas. Open 9 AM to 10 PM daily. 1Q2842 monitors channel 17.

Natick—Lafayette Radio Electronics (Assoc. store), 1400 Worcester Street. Lafayette and all major brands. Service on Lafayette transceivers. Open Wed., Thur., Friday nights to 9:30 PM. 1W2830.

North Quincy—Metric, 14 Walker Street International, Mark, various cable and accessory lines. Sales and service, modifications, Freq. Cks., installations. Open 9-5. 1W5121 monitors channel 8, 9-5.

Raynham—David B. Dean & Co., Electronic Center, Route 44 near Expressway. EICO, Sonar, AS/P. Service and frequency checks. Open 9-6 daily, Friday 9-9. 1W6182 monitors channel 6.

Reading—Graham Radio, 505 Main Street Gonset, Hallicrafters, Johnson, Sonar, De Wald. Sales and service, modifications, Freq. Cks. Open 9 AM-6 PM. 1W1166.

Springfield—Bennett Elect., 527 Belmont Lafayette, Gonset, Sonar. Sales and service. Open wknights to 6 PM, Mon. and Fri. til 9 PM. 1Q2944, monitors channel 9 during store hours.

Sudbury—Middlesex County CB Sales and Service, 52 Pine St. Tram sales and service. Same accessories as Maynard store. Open 9 AM to 10 PM daily. KBC-2556 monitors channel 17.

West Wareham — John Andicade, 277 Main Vocaline, Citizens Radio, serveral antenna, meter, accessory lines. Sales and service, modifications, Freq. Cks. 1Q1480, monitors channel 18, 9-5 daily.

MICHIGAN

Allen Park — Mobile Comm. Serv., 5223 Allen Road. International Crystal, Raytheon, ECI. Sell and service. Crystals and all accessories for most units. Open 9 AM to 8 PM. KHG2863 monitors channel 9.

Battle Creek — Electronic Supply Inc., 94 Hamblin Ave. RCA. Open Mon.-Fri. 8 to 5, Sat. 8-12. 19W8603 monitors channel 19.

Belleville — Doane Battery and Marine Supply, 574 Liberty Street. Tram sales and service. Monroe towers. Heavy duty mobile installations. Open 9-4:30. 19W9281 monitors channel 7.

Dearborn — Citizens 2-Way, 24320 Ford Rd. General, Hallicrafters, Gonset, ECI. Authorized service station. Sell, and service all makes. REACT HQ. Hours, 10-6 M-Wednesday, 10-9 Th-Sat., 10-2 Sunday. KHG0509 monitors 11.

Detroit — Fodor Radio-TV, 8149 W. Jefferson. ECI, General, Hallicrafters, Gonset, Johnson, AS/P, Noistop, Power Mikes. Sales and service. Hours, 10 AM-6 PM. 19Q9569 monitors 9.

Detroit — Michigan Mobile Radio, Inc., 19515 Livernois. Raytheon, ECI, Courier, Hammarlund, others. Service, free frequency checks, installations. Open 9-6 daily, Thur. 9-8:30. 19Q1155 monitors channel 4.

Detroit — Warner Ent., 20922 Schoolcraft Vocaline, Webster, Osborne, Poly-com. Sales and service. 19Q0180 monitors 11.

Flint — Hodges CB Sales and Service, 2204 La Velle Road. International, Demco. Service, frequency checks, installations. Open 8-5, closed Wednesdays. 19W6132 monitors channel 11.

Flint — Glenn H. Rothfuss Co., 1923 Weaver Street. Tram Sales and Service, General Radiotelephone, Vocaline. Service for sales. 19Q3699 monitors channel 11.

Lansing — Boogaards, 2328 S. Cedar. Eico, Gonset, Hallmark, James Knights, Business Radio, AS/P, Cesco and Amphenol. Service, installations. Open 9:30 to 5:30, Friday to 8:30 PM. 19Q2396 monitors channel 9.

Presque Isle — Wesser Marine-Mobile P.O. Box V. Johnson, International, General Electric, Apelco, AS/P, Noistop, Columbia wire, JK Crystals, accessory lines. Sales and service, modifications, frequency checks. Open 7 days a week. 19W6285, 19A5006 monitors 15 - 24 hours.

South Haven — Overheul's, 505 Phoenix Kaar, Citifone, DeWald, Spacephone. Sell only. Open 9-5:30 daily. 19W3855, monitors channel 9 business hours.

MINNESOTA

Brainerd — Jim Murrow Co., Box 501 Repair and service, all makes. 16W2445 monitors channels 4, 9, 10, 21.

Minneapolis — Acme Electronics, 1605 Plymouth Ave-

WIN! FREE CB EQUIPMENT IN *General* RADIOTELEPHONE COMPANY'S MONTHLY DRAWING!

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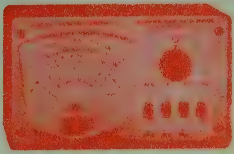

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DRAWING RULES: Enter by simply filling out the self-addressed post card below, and mail it to us before August 10th. The winner's name will be drawn, notified by mail, and announced on the inside front cover in General's October ad.

Drawing void in any locality or State where prohibited by law. Federal, State and Local Government regulations apply.

Prize winner will be selected in a random drawing conducted by Stanley R. Rader, Certified Public Accountant. Its decision, with respect to all phases of the drawing, will be final.

Entries limited to residents 18 years of age and older, of the United States and Puerto Rico. Employees and their families, of General Radiotelephone, General Dealers, Stanley R. Rader, Certified Public Accountant, and General Radiotelephone Company's Advertising Agency are not eligible.

* * * * *

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KANSAS

Baxter Springs — Commercial Elect., 411 East 13th St. International, sales and service. Modifications and Freq. Cks. Also custom work. Open 8 AM-9 PM. 17Q1060 monitors channel 22.

Great Bend — Radio Supply Co., 1910 Tenth. 17W-0964. Distributor.

Salina — Radio Supply Co., 1809 S. Broadway. Distributor.

Wichita — Radio Supply Co., 115 Laura. Distributor.

KENTUCKY

Louisville — Peerless Electronic Equipment Co., Hallicrafters, Globe, Sony. Distributor. Open Mon. thru Fri. 8:30 to 5:30. 18W5290 monitors channel 4.

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North Quincy—Metric, 14 Walker Street International, Mark, various cable and accessory lines. Sales and service, modifications, Freq. Cks., installations. Open 9-5. 1W5121 monitors channel 8, 9-5.

Raynham—David B. Dean & Co., Electronic Center, Route 44 near Expressway. EICO, Sonar, AS/P. Service and frequency checks. Open 9-6 daily, Friday 9-9. 1W6182 monitors channel 6.

Reading—Graham Radio, 505 Main Street Gonset, Hallicrafters, Johnson, Sonar, De Wald. Sales and service, modifications, Freq. Cks. Open 9 AM-6 PM. 1W1166.

Springfield—Bennett Elect., 527 Belmont Lafayette, Gonset, Sonar. Sales and service. Open wknights to 6 PM, Mon. and Fri. til 9 PM. 1Q2944, monitors channel 9 during store hours.

Sudbury—Middlesex County CB Sales and Service, 52 Pine St. Tram sales and service. Same accessories as Maynard store. Open 9 AM to 10 PM daily. KBC-2556 monitors channel 17.

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Detroit — Fodor Radio-TV, 8149 W. Jefferson. ECI, General, Hallicrafters, Gonset, Johnson, AS/P, Noistop, Power Mikes. Sales and service. Hours, 10 AM-6 PM. 19Q9569 monitors 9.

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Flint — Glenn H. Rothfuss Co., 1923 Weaver Street. Tram Sales and Service, General Radiotelephone, Vocaline. Service for sales. 19Q3699 monitors channel 11.

Lansing — Boogaards, 2328 S. Cedar. Eico, Gonset, Hallmark, James Knights, Business Radio, AS/P, Cesco and Amphenol. Service, installations. Open 9:30 to 5:30, Friday to 8:30 PM. 19Q2396 monitors channel 9.

Presque Isle — Wesser Marine-Mobile P.O. Box V. Johnson, International, General Electric, Apelco, AS/P, Noistop, Columbia wire, JK Crystals, accessory lines. Sales and service, modifications, frequency checks. Open 7 days a week. 19W6285, 19A5006 monitors 15 - 24 hours.

South Haven — Overheul's, 505 Phoenix Kaar, Citifone, DeWald, Spacephone. Sell only. Open 9-5:30 daily. 19W3855, monitors channel 9 business hours.

MINNESOTA

Brainerd — Jim Murrow Co., Box 501 Repair and service, all makes. 16W2445 monitors channels 4, 9, 10, 21.

Minneapolis — Acme Electronics, 1605 Plymouth Ave-

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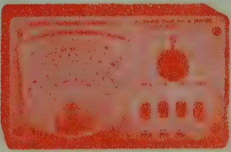
This month General is giving away a Model 615 SWR Bridge.



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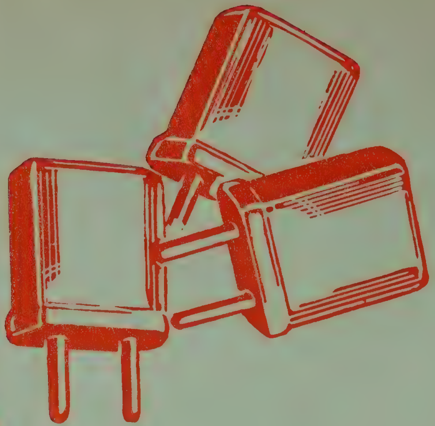

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nue North. Gonset, Petersen, Seco, Herald, Master Mobile, Tenna. Open 9 to 6 Mon. thru Sat., Tuesdays until 9 PM. 16Q0387 stands by channel 11.

Minneapolis — Raymond French Sales, 9060 Taylor Street N.W. Polytronics, Hallicrafters, Regency, Johnson, EICO. Service, installations, frequency checks. Open 24 hours per day on call. 16W4304 monitors channel 6.

Wyoming — Johnson Radio, Box 117 Johnson, Miratel. Sales only. Open 8 AM to 5 PM. 16W2989 monitors channel 5 and 11, 8 AM to 10 PM.

MISSISSIPPI

Jackson — Swan Electronics, Inc., 342 North Gallatin Street. Hallicrafters, Hammarlund, AS/P, Hy-Gain. Open Mon.-Fri. 8:30 to 5:30. 8Q1695 monitors channel 8.

Pascagoula — May Electronic Supply Co., 1024 S. Market St. AS/P, Texas Crystals, Cesco, Sonar, Johnson, Metrotek, Shakespeare, Seco, Globe. Open 9-6 Mon.-Saturday. 8Q0074.

MISSOURI

Milan — Keith Walker, Milan, Missouri. ECI Courier, AS/P. Service, installations. Open 8 AM to 10 PM, 7 days per week. 17W6321 monitors channel 9, 16.

St. Louis — Walter Aske Radio Company, 1125 Pine Street. Johnson, Hallicrafters, EICO, Hy-Gain, Mosley. Open 9 AM to 5:30 PM Mon.-Sat.

St. Louis — Warner Communications, 7216 St. Charles Rock Road. Saturn, International, EICO, RCA, AS/P, James Knights. Service, frequency checks, installations. Authorized service for RCA, Saturn, Hallicrafters. Open 9-9 Mon. and Fri. Tues., Wed., Thurs., Sat. 9-5. KGH3487 stands by channel 9.

NEBRASKA

Omaha — Ladd Elect., 111 N. 41st St. Johnson, Citifone, RME, Gonset, AS/P, Mark, Hy-Gain, Mosley, Hammarlund. Sales only. Open 9 AM-6 PM. 17W1025, monitors channel 19 at random times.

NEW HAMPSHIRE

Gilford — Coffeebean Net, 37 Bedford Knight Crystals. Installations. 1Q2622, monitors channel 11.

Laconia — Jerrys Radio and TV, 218 Academy Street. Tram sales and service, crystals, antennas. LC 400 beams. Open until 9 PM Mon.-Sat. 1Q0044 monitors channels 11, 20.

Manchester — Andys Radio and Sound, RFD No. 4 Box 160. International. Service, installations. Open anytime. 1W5340 monitors channel 11.

Manchester — Lafayette Radio Electronics Associate Store, 54 Manchester St. ECI Courier, Utica, Poly-Comm., Cadre, Lafayette, Hammarlund, AS/P, Cushcraft. Service and installations. Open Mon., Tues., Wed., 9 to 6. Thurs. and Friday 9 til 9. 1W8309 monitors channel 11.

Manchester — Thackers, 949 Second Street. Tram, Utica. Sales and service. 1Q4835 monitors channel 11, 7 days per week.

NEW JERSEY

Bloomfield — Parts Unlimited, 1 State Street Eico, Johnson, Hallicrafters, Cadre. Sales and service. Open 9-6 Mon.-Sat.

Jamesburg — Jasko's TV, Rt. 522 Polycom, T-Craft. Sales and service. Open 9 AM to 9 PM. 2Q6860, monitors channel 4 during store hours.

Lyndhurst — Camera House, 213 Stuyvesant Eico, Sonar, International Crystal. Sales only. Hours, 9-6, Friday 9-9. 2Q0352, 2Q1536 monitors 9.

Newark — Lafayette Radio Electronics Corp. (Associate store), 24 Central Avenue. Lafayette and most major lines. Installations. Open 9 AM, to 5:45 daily. 2A-4562 monitors channel 10.

Paramus — Lafayette Radio Electronics Corp., (Associate store), 182 Route 17. Lafayette and all major CB lines. Service on Lafayette sets. Open Mon., Wed., Fri. to 8:45 PM. KBG1204.

Plainfield — Lafayette Radio Electronics Corp., (Associate store), 139 W. 2nd Street. Lafayette and all major brands. Service on Lafayette sets. Open Thursday until 8:45 PM. 2W7880.

Somers Point — Allen Electronics, Inc., 736 Shore Rd. Pearce Simpson, Regency, Multi-Elmac, International, Mark Products, AS/P. Service, frequency checks, installations. Open Weekdays 9-5, Sunday 1-5, Mon., Wed., Fri. until 10 PM. 3W3246 monitors channel 1

Trenton — 10-4 CB Center, 139 Ewingville Road. ECI Courier, AS/P, Newtronics, Goldline, B & W Service, installations. Service on ECI only. Open Mon.-Fri. 9-9, Sat. 9-6. Monitors channel 11.

NEW MEXICO

Albuquerque — Burch Brothers Electronics, 711 San Mateo Blvd. S. E. Raytheon, Mark Products, Hy-Gain, Webster, Sony. Service frequency checks, installations. Open 8 AM to 10 PM everyday but Sunday. KGB0101 monitors channel 11.

Albuquerque — Clemons, 1216 4th St. N.W. Kaar, International, Pierce-Simpson. Sales-service, modifications, Freq. Cks., emergency service anytime. Open 8 AM-5 PM or by appointment. 15W-0701, monitors channels 2 or 11.

NEW YORK

Albany — Seiden Sound, Inc., 79 Central Avenue. Lafayette, Johnson, Sonar, Hallicrafters. Service work. Open Mon.-Sat. 9-5:30, Mon. and Thurs. nights until 9 PM. 2A3819.

Bronx — House of Sound, 2119 Starling RCA, Raytheon, DeWald, ECI, Globe, Polycom, Hallicrafters. Sales and service. Open 9:30 AM-6 PM. 2Q5351, monitors channels 7, 9, 16, 4 PM to 10 PM.

Bronx — Lafayette Radio Electronics, 542 E. Fordham Road. Lafayette and all major CB lines. Service on Lafayette sets. Open Thursday nights until 8:45 PM.

East Quogue — Lewis Dunwell Utica, Sonar, International, Cadre, Courier, Hy-Gain, AS/P, James Knights Crystals. Sales and service. 2Q4907 monitors 9, 7 AM to 12 midnight.

Flushing — Allen Electronics, 41-42 Main Street. Cadre, Poly-Comm, Sonar, EICO, Johnson, Raytheon. Open 9-5 daily and Saturday, Friday until 9 PM. KBG4196 monitors channels 15, 11, 22.

Flushing — Stuart, 79-12 Parsons Blvd. International, Pierce-Simpson, Eico, DeWald, Ameco, Philmore, HH Smith, Utica, Turner, Astatic, Shell. Sales and service. Open Mon., Wed., Fri. 9-9. Tu., Thur., Sat. 9-6. 2W8304, monitors channels 7 and 9, 9 to 9.

Jamaica — Lafayette Radio Electronics, 165-08 Liberty Avenue. Lafayette and all major lines. Service on Lafayette sets. Open Monday and Friday nights until 8:45. 2W3133.

Long Island City — Spera Electronics, 37-10 33rd. Sonar, Johnson, Gonset, AS/P, International Crystals, DeWald, Polycom, Eico, Hallicrafters, Osborne, Globe, Citi-Fone, Philmore, Spacefone, Paco, Peterson Crystals, JK Crystals, Turner and Astatic microphones. Technical advice given. Hours, 9-5:30 PM. Saturday 10-1. 2W1974 monitors channel 11.

New York — Bainbridge Radio Electronics, 2839 Briggs Avenue. EICO and Bainbridge dual conversion kits, speech clipper kits. Hours by appointment. 2W3815 monitors channel 5.

New York — Grand Central Radio, Inc., 124 E 44th Street. EICO, Sonar, Globe, Sony, Webcor, Hammarlund, Fannon. Open Mon.-Sat. 9-6.

New York — Lafayette Radio Electronics, 100-6th Ave. Lafayette and all major CB lines. Service on Lafayette sets. Open Thursday night until 8:45. 2W8061.

Oxford — Chenango Communications, 16 S. Wash. Avenue. Lafayette, Hallicrafters, Cadre, Raytheon, International. Service, frequency checks, installations. Open seven days a week, most nights. 20Q4694 monitors channel 11.

Poughkeepsie — Wilson Electronics, W. Marshall Drive, RFD No. 1. ECI, Polycom, Hammarlund, Eico, Osborne, Cushcraft, Columbia, AS/P, Turner, JK Crystals, Texas Crystals, Sesco, Noistop, Ameco, Drake, Elenco, Rohn towers. Sales and service. Licensed technician on duty. Open daily, including Sunday, 8 AM-11:30 PM. 2W3970 monitors 11.

Rochester — Bennington Electronics, 12 Bennington Drive. Multi-Elmac, ECI Courier. Service, frequency checks, installations. Open Mon., Tues., Thur., and Friday 9-9. Wed. and Sat. 9 to 6. 20W3529 monitors channel 2.

Rome — Clemmons Sales, Upper Floyd Ave. International and a complete line of accessory supplies. Sales and service. Open 9-9. 20W2840, monitors channel 11, 9-9.

Scarsdale — Lafayette Radio Electronics, 691 Central (Park) Avenue. Lafayette and all major CB lines. Service on Lafayette sets. Open Mon., Thurs., Fri. until 9:30 PM. 2W7704.

Syracuse — Leo-Mac 2-Way, 3602 Court St. Bendix Marine. Sales and service. Service on all makes, modifications, Freq. Cks. Open 9-5:30 weekdays, 9-1 Saturday, 20Q1998 monitors chanel 11 during store hours.

Syosset — Lafayette Radio Electronics Corp., 111 Jericho Turnpike. Lafayette Radios and all major lines. Service on Lafayette sets. Open Mon., Thur., Fri. until 8:45 PM. 2W3133.

Watertown — Watertown Electronics, Inc., 531 State Street. Hallicrafters, EICO, AS/P, Hy-Gain. Service and installations. Open 9-5:30 Monday thru Saturday. 20W1939 monitors channel 15.

NORTH CAROLINA

Enfield — Bellamy Bros., 110 Whitfield St. General, Hallicrafters. Sales and service. Modifications, Freq. Cks. Open 8 AM to 6 PM. 5Q0722, monitors channel 11 during store hours.

Lincolnton — Stroups Soda Shop, 315 E. Main Street. Carry CB Horizons, Call-Books. Open 8 AM-12 midnight, Sunday 2-9. 5W2361 monitors channel 11.

Winston Salem — Seivers, RFD No. 3 International, sales and service, Freq. Cks. Open 9 to 6. Saturday 9-1. 5W0427 monitors channel 9 during store hours.

OHIO

Akron — Lafayette Radio Association Store, 34 N. Main. Lafayette, AS/P, Hy-Gain, Mosley. Service. Open Mon. and Thurs. 9-9, T, W, F, Sat. 9-5:30. 19Q8500 monitors channel 9.

Blue Creek — Tom's Radio, Box 63, Rt. 1 International, Mark, Ross Labs. Sales and service, general repairs, modifications, 19W3828 monitoring channel 9.

Chesapeake — Atkins Radio, 180 3rd Avenue. Utica, Sales and service. Open 8 AM to 5 PM. 19W4040, monitors channel 11 during store hours.

Cleveland — Olson Electronics, 2020 Euclid Avenue. Hallicrafters, Olson, General. Warranty work. Open Mon.-Sat. 9-5:30, til 9 PM Mon., Thursdays. Monitor channel 9.

Cleveland — Olson Electronics, 6813 Pearl Road. Utica, Hallicrafters, General, Olson. Service work, frequency checks. Open daily 10-6, Mon., Thurs., Fri. til 9 PM. Monitor channel 9.

Columbus — Independent Supply, 245 E. Long Polycom, Eico, Cadre, Telephone & Elec. Sales and service, Freq. Cks., modifications, any service work. Open 8:30-5 PM. 19W5517, monitoring channel 9 during store hours.

Cuyahoga Falls — D & D Elect., 114 Portage Trail International, sales and service. Open 10 AM-9 PM. 19W3076 monitors channel 11, 8 AM-11 PM.

Dayton — K-O Electronics, 3916 Wilmington Pike. Pearce Simpson, General, Regency, Cadre, Globe and others. Service, frequency checks, installations. Open 9 to 9. KHG-4949 monitors channel 9 and 11.

Hamilton — Brock Radio Supply, 201 Walnut Street. Hallicrafters. Service, frequency checks, installations Open Mon. and Friday 9 to 9, Tues., Wed., Thurs., Sat. 9-5:30. 19W4841 monitors channel 21.

Ironton — City Electronics, 6th and Vine. Citifone, Regency. Sales and service. Open 9 to 5. 19Q9619, monitors channels 9, 3.

Lancaster — Bletzacker Electronics, Inc., 135 W. Chestnut Street. Johnson, Utica. Open 8:30 to 5:30 weekdays, to 12 noon on Saturday. 19A6381 monitors channel 12.

Marion — Bell Radio, 527 N. Main Gonset, General, Cadre, International, DeWald, AS/P. Sales, service, modifications, Freq. Cks. Open 9 AM to 8 PM. 19W5264, monitors channel 11 during store hours.

Middletown — Dietz Electronics, 3117 So. Verity Parkway. General, Multi-Elmac, and accessories. Service, installations. Open 9-6 Mon.-Saturday. 19W7016 monitors channel 7.

Middleport — Foreman & Abbott, 391 N. 2nd. Pearce Simpson, Poly-Comm, Johnson, General, Hammarlund. Service, installations. Open Mon.-Fri. 8:30 to 9. 19Q3748 monitors channel 5.

Newton Falls — Johnnie's, 228 Milton Blvd. James Knights Crystals, Citifone. Sales and service. Freq. Cks., antennas and accessories. Open 9 to 9. 19W4673, monitors channel 11 during store hours.

Norwalk — Izzard TV, 88 Corwin Street International, Citifone, Regency. Sales and service, modifications. Open 9-6. 19W8207, monitors channel 5 during store hours.

Portsmouth — Johnson's TV Service, Ninth & Offnere Streets. General Radiotelephone. Service and installa-Open 9-5:30 six days per week. 19A5120 monitors channel 9.

South Euclid — Johnson, 4438 Mayfield Rd. RCA, Hallicrafter, AS/P, Sonar. Sales and service. Open Mon., Wed., Thurs., Sat. 8:30-6. Tuesday and Friday to 9 PM. 19Q6807, monitors channel 7, 14 hours daily.

OKLAHOMA

Duncan — Merritt Electronics, 1113 North 6th. General, Gonset, Utica, International. Service, frequency checks, installations. Open 8-6 Mon.-Saturday. 10Q0693 monitors channel 13 - 24 hours per day.

Oklahoma City — Citizens Band Two-Way, 4007 N. Penn. International Crystal, Utica, ECI, Kaar, Johnson, AS/P, Mark Mobile, Hy-Gain, JK Crystals. Hours 8-5:30 Monday-Saturday. Licensed technician on duty. Sales and service. 10W3541, KEG1296 monitors channels 9, 11 during store hours.

Tulsa — Greer's 528 So. 75th East Ave.
International Crystal, Johnson, James Knights crystals. FCC licensed for repairs, modifications. Factory authorized service center, International. Hours 9-5:30. 10W0538 monitors channel 9, 9 AM to 12 midnight.

Tulsa — Radio, Inc., 1000 S. Main Street
Hallicrafters, Johnson, Osborne, Heath, Eico, Gonset, AS/P, Mark, Hy-Gain, Master Mobile, Cesco. Sales only. Open 8-5 Mon. to Friday. 8-12 Sat. 10W1886 monitors channel 4 during store hours.

OREGON

Hood River — Joe's Radio Sales, Rt. 3, Box 1053
Sonar, RCA, Pearce Simpson. Service, frequency checks, installations. Open 9 AM-11 PM. 13Q0463 monitors channel 9.

Wasco — Barnett Enterprises, Box 244.
Daystrom, Hallicrafters, Hammarlund, AS/P. Service, installations. Open 8 AM-5 PM. 13W1745 monitors channel 13.

PENNSYLVANIA

Erie — Warren Radio, 1315 Peach St.
Hallicrafters, Johnson, Eico, AS/P, Hy-Gain. Sales and service. Hours, Mon. 8:30-9, Tues.-Fri. 8:30-5:30, Sat. 8:30-1. 20W2598 monitors 11.

Harrisburg — Keystone Electronics, 414 S. 13th Street.
ECI Courier. Service, frequency checks, installations. Open Mon.-Sat. 10 AM to 10 PM. 3Q0989 monitors channel 11.

Harrison — Electronics, Wholesalers, Inc. 1922-A Paxton Street. Cadre, Eico, Hallmark, AS/P, Texas Crystals, Mark Products. Open Mon.-Friday 8:30 to 9. Saturday until 12:30. 3Q1143 monitors channel 11.

Harrison — Lock's Two-Way, Box 346
International Crystal, Cadre, General, Gonset, Hy-Gain, AS/P. Sales and service, licensed technician. Hours, 8:30-9 Sun., 10-6. 20Q5381 monitors 9.

Irwin — P. Nash Communications, Irwin Herminie Rd.
Poly-Comm, Gonset, Vocaline, Regency, AS/P. Service, installations. Open Mon.-Sat. 9 to 9. 20W2488 monitors channel 5.

Philadelphia — Audiotronics, 3818 Chesnut
International, Sonar, Citifone, Polycom, ITT, DeWald, USL, Courier. Sales and service. Modifications, Freq. Cks., licensed technician on duty. Open 9-5, 7-11 daily, 10-4 Saturday. 3Q2172 monitors channel 9 during store hours.

Scranton — Petillo TV, 413 N. Main Ave.
International, ECI Courier. Sales and service, modifications, Freq. Cks., repairs. Open 10 AM to 6 PM. 20W3295 monitors channels 4, 9, 19, 20. 10 AM to 10 PM.

Sunbury — Newman Brothers Sport Shop, 928 South River Avenue. General, ECI Courier, Sony. Service, installations, frequency measurements. Open 10-10, except Thur. (to 7). 20Q4979 monitors channel 11.

Wilkes-Barre — Lafayette Radio Associate Store, 115 N. Main Street. Lafayette, RCA. Service, installations. Open Mon. and Thur. 9 to 9, other days 9-5:30. KIC2939 monitors channel 9.

York — J.R.S. Distributors, Inc., 646 W. Market Street.
EICO. Service, installations. Open Mon.-Sat. 8-6, Sat. to 4 PM. KCC2689 monitors channel 3.

York — Lease's, 201 S. George Street
International, Eico, Hunt Crystals, AS/P, Columbia. Miniphone. Sales and service, modifications, Freq. Cks., general service. Open 9 to 6 daily, to 9 PM Wed. and Friday. 3W3248 monitors channel 1 during store hours.

RHODE ISLAND

Providence — Elmwood Elect., 37 Elmwood
Hallicrafters, Gonset, Globe, Vocaline. Sales and service, modifications, Freq. Cks., general repairs. Open 8:15 AM to 8 PM. 1W6998 monitors channel 2 and 3 during store hours.

SOUTH CAROLINA

Myrtle Beach — Tommy's Two-Way, 402 W. Broadway
Utica, AS/P, Mark, Turner, Cesco, Texas and General Crystals, Seco, Philmore, Hammarlund. Cushcraft. Sales and service. Modifications, Freq. Cks. Open 9-6. 6W7020 monitors channel 11 9 AM to 11 PM.

TENNESSEE

Chattanooga — Curle Radio Supply Co., 439 Broad St.
Distributor for Hallicrafters, Poly-Comm, Sonar. Frequency checks for dealers only. Open Mon.-Fri. 8:30 to 5:30, Sat. 8:30 to 1. 6W0635.

Memphis — Russ Hellen's CB Center, 1481 Florida St.
General, Multi-Elmac, Utica, Courier, Regency. Service, frequency checks, installations. Open 8 AM to 6 PM, Sundays 9-2. 6W1719 monitors channels 7,11.

Paris — Teague Electronics (Distributor), 203 Ruff St.
Hallicrafters and RCA. Open 8 to 5:30. KDB7123 monitors channel 11.

TEXAS

Ben Wheeler — Midway Grocery
Repairs. 24 hour service.—KEG1299, 10W2469, monitors channel 12.

Dallas — Horton Elect., 2354 Fabens
Hallmark, Tel-Rad, L-Coil. Sales and service. Freq. Checks. Open 6 AM to 10 PM. 10W1688 monitors channel 11 during store hours.

Decatur — Laird Elect., Box 492
Johnson, Utica, General Electric. Sales and service. Modifications, Freq. Cks., installation and service. Open 7 AM to 6:30 PM 7 days per week. 10Q0206. monitors chanel 1 and 9 during store hours.

Fort Worth — Charles Horn, 423 S. Summit
International, Raytheon, ECI Courier, Hy-Gain, Newtronics, Master Mobile, Ameco, Cesco, Petersen Crystals, Mark, Turner, Osborne. Sales and service, Freq. Cks., repairs. Open 8-5:15 daily, Saturday 8-1. Closed Sunday and Monday. 10W1820 monitors channel 11, 8 AM to 6 PM.

Houston — Lafayette Radio Electronics, 3903 Richmond Avenue. Johnson, General Radiotelephone, Gonset, Lafayette, JK Crystals, AS/P, Cesco. Service, frequency checks, installations. Open 9-6 including Sat., Tues. and Fri. to 9. KEE0308 monitors channel 11.

Houston — Tele-Comm. 3820 Almeda
Cadre, Gonset, Courier, Browning, AS/P, Turner. Sales and Service. Modifications, Freq. Cks. Complete FCC licensed Technician service. Open 8:30 AM to 5:30 PM. 9Q0362 monitors channel 11 during store hours.

Lubbock — College TV, 1623 College Ave.
Hallicrafters, RCA, Raytheon, Cadre. Sales and service. Modifications, Freq. Cks., complete alignment service. Open 9 AM to 6:30 PM. 10W0497 monitors channel 11, 24 hours a day.

Lubbock — Logan Radio Communication Co., 1821 Avenue K and 1122 19th St. International. Service, frequency checks, installations. Open 8-5:30 Mon.-Fri., 8-12 Saturday. 10Q0579 on channel 11, 10W-0380 on channel 21.

Waco — Carney & Son, 10-B. Cottonwood.
International. Service, frequency checks, installations. Open 9-6 Mon.-Sat. KEG0071 stands by chanel 11.

VIRGINIA

Annandale — Arcade Electronics, Inc., 9609-A Columbia Pike. Cadre, AS/P, Columbia, Cesco, Turner and Business Radio. Open Weekdays 10-9, Sat. 10-6. KCF1232 monitors channel 11.

Arlington — Key Electronics, 100 S. Wayne. Webster, Hammarlund, Hallicrafters, Eico, Apelco. Service, frequency checks, installations. Open Mon. and Fri. 9-8:30, other days 9-6. 24W0734 monitors channel 11.

Danville — Southeastern Radio Supply, 215 Craghead Johnson, RCA. Open Mon.-Thur.-Fri. 8:30 to 5:30. Sat. 8:30-1. 5Q1204 monitors channel 11.

Hampton — Tom's TV, 1001 Big Bethel Rd. RCA, Gonset, International, Utica, Webster, Raytheon, General, Keltner, Polycom. Modifications, Freq. Cks., all CB service. Open 6 PM to 9 PM Mon.-Friday 10 AM to 7 PM Saturday. 5W2965 monitors channel 11 during store hours.

◆ PRECISION CB CRYSTALS ◆

MANUFACTURED TO WITHSTAND EXTREME CONDITIONS AS REQUIRED WITH CB EQUIPT.

PRECISION CRYSTALS AT NO EXTRA CHARGE!

- Extremely accurate tolerances meet or exceed .005% FCC requirements.
- Over 20 years of commercial and military experience packed in each crystal.
- One Year Factory Warranty.
- Special discount to recognized clubs when order exceeds 25 pieces.

$1.95 each (for Fla. add 3%)

(add 10c per crystal for postage and handling — add 5c per crystal for .093 pins when required.) All CB orders should include make and model of equipment and whether for transmit or receive. Send M.O., Check or Cash with order. Sorry, No C.O.D.'s Accepted.

SUN CRYSTAL CO.

P.O. BOX 301 NO. MIAMI 61, FLA.

GROVE CB VALUES

☐ TURNER MIKE—MODEL 254-C. Fine performance, rugged durability. Bar on off switch and lever lock on off switch. The 254-C ceramic has a response of 80 to 7,000 cps: Output-54 db. (Regular $23.50) ---- Sale $10.99

☐ 7 in 1 CB TESTER SIGNAL OPTIMIZER. Checks antenna power in watts, modulation, field strength, antenna output, harmonics, SWR, Base and mobile antenna efficiency. (Regularly $47.50) ---- Sale $39.95

☐ COMMAND SUPER III—3 Element Heavy Duty Beam mounts vertically or horizontally. (Regular $30.00) ---- Sale $11.99

☐ GROUND PLANE SALE ! ! ! ---- (Disc. Model) Solid Alum. Radials. All Sales Final (6 or more $5.00 ea.) $5.99 ea.

GET ALL OF THAT SIGNAL OUT WITH LOW LOSS FOAM COAX CABLE

☐ RG58U ---- 50 ft.—$2.49 ---- 100 ft.—$3.99
☐ RG8U ---- 50 ft.—$4.95 ---- 100 ft.—$8.99

☐ MOBILE ANTENNA SPECIALS: 102 inch, stainless steel whip, single chain bumper mount and heavy duty spring, (JET #1) ---- Only $8.99

☐ Same as above with double chain bumper mount. (JET #2) ---- Only $9.99

☐ FAMOUS MAKE Transistorized "S" Meter. No. AVC loading. Can be left on for constant signal check. (Reg. $13.88) (No. S-1) ---- Sale $11.88

Check items wanted. Return ad or order with check or money order. Include postage, excess refunded. 50c service charge on orders under $5.00. Beams and 102" whips shipped Railway Express. 50% deposit on C.O.D.'s.

☐ CB DEALERS: Write for Quantity Prices!

GROVE ELECTRONIC SUPPLY COMPANY
4111 W. Belmont Avenue
Chicago 41, Illinois Ph. 383-6160

☐ Rush items checked
☐ SEND FREE CATALOG OF GIANT CB VALUES

Name ----
(please print)
Address ----
City ---- Zone ---- State ----

Martinsville — Bryants Sport Center, Inc., 107 E. Main Street. Sonar. Service, installations. Open 8:30 to 6 PM Mon.-Sat. KCI3043 monitors channel 11.

Newport News — Centralite Supply, 806-39th Utica, Mosley, Hy-Gain, PR Xtals. Sales only, service available separately. Open 8 AM to 5 PM, Mon.-Friday. 8-1 Saturdays. 5Q1424, 5W3407 monitor channel 11 during store hours.

Richmond — Carva Electronics, Inc., 2812 Hull Street. Utica, Browning, Eico. Installations. Open 8:30-5:15 Mon.-Fri., 9-2 on Saturday. 5Q2027 monitors channel 21.

Roanoke — McKnight Inc., 405 Shenandoah Avenue. Regency, Utica, DeWald, USL, International. Sales only. Open 8:30-5:30 daily. 5W1389 monitors channel 11 during store hours.

Roanoke — Southeastern Radio Supply of Roanoke, 1330 Courtland Rd. N.E. Johnson, RCA. Open 8:30-5:30 Mon.-Sat. 4W0481 monitors channel 11.

Salem — Electronic Service Associates, 828 College Ave. Webster, Apelco, Browning. Factory authorized service. Open 9-5:30 and 6:30 to 9:30 weekdays, 9-9 Saturday.

WASHINGTON

Seattle — C & C Labs, 4800 Delridge Way, S.W. Kaar, Gonset, Polycom, Heath, Sony, AS/P, Petersen, Regency, Raytheon, Sonar. Sales and service, modifications, Freq. Cks., complete antennas, crystals, service. Open 9 AM to 6 PM. KFI1295 monitors chanel 11 during store hours.

Seattle — Radio Supply Co., 6213, 13th Ave. S. Johnson, Hy-Gain, AS/P, Cesco. Sales only. Open 9 AM-6 PM, Tuesday to Saturday. 14W1212.

Spokane — Northwest Electronics, Inc., E. 730 First Avenue. Johnson, Cadre, Osborne, Apelco. Service, installations, frequency checks. Open 8:30 to 5 Mon.-Fri., 9-12 Saturday. 14W0333 monitors channel 11.

WEST VIRGINIA

Huntington — R. A. Brombley, 1949-3rd Avenue. Sonar, General Radiotelephone, James Knights. Service, frequency checks, installations. Open 8:30 to 5 PM Mon.-Sat. 19A4309 monitors channel 11.

Sophia — Mountaineer, 369 Main Street RCA, Cadre, Vocaline, International, Regency. Sales and service. Modifications. Open 9 to 6. 19W5822 monitors channel 11 from 9 AM to 12 PM.

WISCONSIN

Green Bay — Lafayette Radio Electronics, 412 Dousman. Lafayette, TCI, General. Service, frequency checks, installations. Open 9-9 Mon. & Fri., 9-8 Tues.-Thurs. To 5 PM on Saturday. KHA9355 monitors channel 11.

Fond du Lac — Riley's TV, 118 E. Rees Street. Utica, Johnson, Hallicrafters, ECI Courier, Cadre. Service, installations. Open 8-10 daily. KHC3961 monitors channel 11.

Kenosha — Chester, 2012 52nd Street Johnson, Gonset, Utica, Eico, Polycom. Sales only. Open 9 AM to 5:30 PM Mon.-Sat. Mon. and Friday evenings open to 9 PM. 18W2375 monitors channel 7 during store hours.

Sheboygan — Nitze's, 1129 N. 8th St. Johnson, AS/P. Sales only. Open 9 AM to 5:30 PM. Saturday 9-12:30 PM.

AMERICAN CITIZENS BAND ASSOCIATION

WS . . . NEWS . . . NEWS . . . NEWS . . . NEWS . . . NEWS . .

Francis G. Koestle, 17Q2430, operator of CB Two-Way Communications in Arkansas City, Kansas writes, "Like so many other CB'ers in the country, I would like more detailed information about the ACBA. As I use my CB for many varied purposes, I can see how I will be affected in many ways by the new (Part 19) proposals. I am a private farmer, and I do lots of custom work for many other farmers, so I use CB to contact them out in the field. I am also a dealer for General Radiotelephone Company, so you can see why I feel it is important for me to do what little I can to help the CB effort. Many others, like myself, feel that we have a friend in CB Horizons, to help keep us little people together.

We have a small, newly organized CB club here in Arkansas City, which has received lots af backseats from the do-nothings, drink coffee crowd, but I feel that we are about to get things straightened out and will contact the ACBA as a club for membership.

Please forward me all of the data you can on the ACBA so that I may join soon."

We picked this letter to share with you because it is typical of the hundreds received by this office **before** the last issue (July) of CB Horizons came out.

In the July issue, using the space generously donated by CB Horizons, I hope that we were able to forward the goals and objectives of this organization.

In the strictest sense, this organization is made up of little people . . . the CB users of America. And it is going to continue to be operated not only for the little people, but **by the little people.**

CB radio is made up of tens of thousands of **little people** like you, and I and Mr. Koestle.

The ACBA has made every realistic effort to stay simple, straight forward and under the control of the little people. This is why the Steering Committee is insisting on the elected Board of Directors approach that we outlined last month. It we can't elect our FCC officials, we can at least elect our own representatives who are going to speak for us before the FCC!

SPEAKING OF ELECTIONS

We had hoped to announce next month that our membership drive had neared the 10,000 mark. You will re-call that our Stttering Committee bylaws call for a nation-wide membership of 10,000 before we can set down an official election period and get the wheels really rolling.

Let me say this. We aren't near enough to that 10,000 membership to start boasting yet. There are literally thousands of CB'ers

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CB CALENDAR — continued from page 8

Reno, Nevada — Silver State CB Association sponsoring gala two day CB Jamboree **August 10-11.** Full two days of fun and entertainment with a low rate package price for single or double accommodations, including meals, lodging and Jamboree events. For full details on a CB fun weekend in Reno, contact 12Q0222, 740 Yori Avenue, Reno.

Marion, Ohio — Third Annual Heart of Ohio CB Fiesta **August 11** from sun-up to sun-down at the Marion County Fairgrounds, Marion. No charge for display booths. Sponsored by the Ten-Twenty Three Citizens Band Radio Club. Over 1200 units attended last year's Fiesta. Free drawings every half-hour, final drawing for full five CB set. Contact 10-23 Citizens Band Radio Club, Box 267, Marion, Ohio.

Grafton, West Virginia — Tri-County Citizens D Banders, Inc., holding annual CB Round-Up Sunday **August 11** at the Tygart Lake State Park in Grafton, off Route 50. CB Queen to be crowned. All CB'ers welcome, bring your lunch. Prizes to include CB transceiver.

reading this who should and can be members right now. Understand one thing. By becoming a member, you are assuming no liability to vote this way, that way, or any which way. You are not necessary pledging to back an unknown group, which is what the ACBA really is.

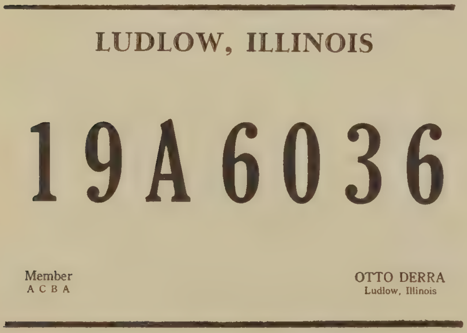
You are just doing one thing. You are signing up to **VOTE in the representative CB'er** whom you feel can best speak for your interests from your call area. You are exercising **your right** to become a voting member of a duly democratic CB organization that has your interests at heart. And if you, for a moment, don't like the way things are being done, you have a whale of a lot more say and influnce to get things changed than you do with the FCC or the Federal government!

So for your own sake, sign up as a Charter Member of the ACBA today. Exercise that right to determine your own future in CB radio. Surely it's worth the very low membership fee of $1.00 to have a say so in the future of your own CB operations!

And I suppose it isn't necessary for me to point out that the sooner we get an elected Board of Directors, the sooner we are in a position to go to Washington with that Board and speak before the FCC as the nation's CB radio organization. **It is very important that we do so before the Part 19 proposal become final!**

FIRST CARD-MAILING MEMBER

Otto Derra, Ludlow, Illinois doesn't waste any time. Otto, 19A6036, mailed in his membership application fee and his CB QSL card back in late April. His QSL card already has the magic phrases "Member ACBA" on the front left hand corner.



LUDLOW, ILLINOIS

19A6036

Member
ACBA

OTTO DERRA
Ludlow, Illinois

Congratulations Otto on this foresight! We hope thousands of other members will follow your lead.

Paul W. Thacker, 19W4747

COLOR COVER CREDITS

Full credit for the magnificent full color cover on this Annual Directory issue of CB Horizons goes to no one person. Dozens contributed to its composition, appearence and production. Special thanks go to Mr. Doug McMurray of Trophy Motors, Oklahoma City for the use of his 1963 XKE Jaguar (We had to have a red one!); to Marvin Lawrence and his Playboy-CB'ers pose (Marv is one of the talented lads in our art department); to Carlene Rollins, our beautiful gal model who had to put up with finicky producers and camera men and to Tommy Hoshall and his staff at Communication Electronics, 4009 N. Penn, Oklahoma City for the use of his store and parking lot (that's Tommy — the happy proprietor loaded down with CB goodies for the new Playboy-CB'er); and to the many manufacturers who provided props, including a special hand to Irwin Sussman at SCI, for Air-Freighting an ECI-1M Courier out to us in time for the photographing session.

We hope to bring you many more full color covers in the months ahead. Your continued un-precedented support of CBH and the Horizons' products has made this possible, along with the extra-big 96 page issue this month.

B & K — MARK DIVISION OF DYNASCAN
1801 W. Belle Plaine Avenue
Chicago 13, Illinois

MODEL SSB — 27 TRANSCEIVER

Single-sideband suppressed carrier transceiver for the commercial and serious used. Ultra stable crystal lattice filter, more than 35 db carrier suppression, 40 db unwanted sideband suppression. Long term frequency stability .00015% or better. All frequency controlling elements enclosed in temperature regulated oven. Up to 5 of the 46 possible (upper and lower) sideband channels are selectable from a front panel switch. Output stage operates at less than 25% of full rating, for long-term dependable life. Receiver specifically designed for single sideband reception, with 3 kc selectivity. 40 db down (response) at 7.5 kc. Sensitivity 1 uV for 10 db signal plus noise to noise. 'Voicelock' control permits plus or minus 200 cycle variations on vernier tuner for precise netting with other units. Available late fall, with 12 vdc or 117 vac power packs. For further information, contact manufacturer.

CLASSIFIED

Rates for classifieds are 10c per word for advertising which, in our opinion, is obviously of a non-commercial nature. A charge of 25c per word is made to all commercial advertisers or business organizations. We do not bill for advertising in CLASSIFIEDS, nor can we acknowledge receipt of copy sent in. Full remittance MUST accompany all orders. NOTE: The products and services advertised in this section are not guaranteed by the publisher of CB HORIZONS. Deadline, 1st of second preceding month. (i.e. Deadline for Dec. issue is Oct. 1).

QSL CARDS — Clever Cartoons, assorted or all the same. Also create special designs. Samples 25c. Refundable. CO-ART, 111 CRONKHITE, DANVILLE, ILL.

AAA-1 CLIPPER-FILTER, triples talk-power, fits all transceivers, kit $10.99; wired $15.99. Heath-kit owners double reception; SK-4 RF Preselector mounts inside GW-12; SK-3 inconspicuously attaches outside GW-10 or GW-11; either kit, $8.99; wired, $11.99. Revolutionary Hy-Gain rooftop 29" Omni-Topper, $11.97. DP-2 Coupler-Duplexer kit, $4.99 or $4.00 with any other purchase! New! Solid state NJ-7 NOISEJECTOR yanks noise out by the roots, just wire it into any transceiver, $4.49. All postpaid! Free kit, antenna list. HOLSTROM ASSOCIATES, BOX 8640-B, Sacramento 22, California.

"NOW" A 23 CHANNEL position switch to fit 50 or 100 Model International Executives. Get complete enjoyment with this new 23 channel unit. Can be installed in five minutes. $19.95 postpaid. See your dealer or order direct to B & S ELECTRONICS, P.O. BOX 110, REDWOOD CITY, CALIFORNIA. Dealer inquiries invited. Money back if not satisfied.

CB-WPE-QSL'S. New Designs. Free Catalogue. LOONGBROOK, BOX 393-B, QUAKERTOWN, NEW JERSEY.

CB QSL'S Samples free. AMEE'S PRINTERY, BOX 13-C, OAK LAWN, ILLINOIS.

QSL CARDS. 100 for $3.00. Samples 25c, McCARTNEY'S, FREEDOM, INDIANA.

CB-QSL CARDS — 45 Designs, FREE Brochure. WOODY, 2611 SHENANDOAH, ST. LOUIS 4, MO.

FOR SALE: TWO CADRE "500" in original sealed cartons $150 each: WANT used Hammarlund or strong CB. KRZAK, 65 MAIN, PAWTUCKET, R.I.

FCC WARNING DECAL against unauthorized use, 2 x 3 (Mobile) 35c — 4/1.00, 3 x 4 (base) 65c — 2/1.00. BOX 457, ENCINO, CALIFORNIA.

QSL'S — Special Kromekote, Blue Eagle Background, Gold Embossed Confirming Data, 25 — $2.00 Postpaid, Samples 10c. ANDY'S, 12 BRIDGE, AMSTERDAM, NEW YORK.

QSL CARDS. Many sharp, cartoon designs . . . send for FREE brochure. F. B. MATHEWS PRINTING & ADVERTISING, 1616 RURAL STREET, ROCKFORD, ILLINOIS.

FREE SAMPLES & CATALOGUE — CB QSL CARDS. $2.50 per 100 in 3 colors. GARTH PRINTING COMPANY, BOX 51, JUTLAND, NEW JERSEY.

CB WPE QSL CARDS. Samples free. RADIO PRESS, BOX 24A, PITTSTOWN, N.J.

QSL CARDS — Low Prices FREE samples. THE DEBBELER PRINTING CO. 1309-Y NORTH 38th STREET, MILWAUKEE 8, WISCONSIN. Tel. DIvision 4-7938.

CBL'S!! We've printed MILLIONS! Outstandingly different for quarter century. WORLD FAMOUS RAINBO EFFECTS! Samples — 25c (deductible), C. FRITZ, BOX 1684, SCOTTSDALE, ARIZONA.

CB QSL CARDS. Samples 10c. MALGO PRESS, BOX 375, TOLEDO 1, OHIO.

CITIZENS BAND QSL CARDS — 100 2-color glossy $3.00, postpaid, Satisfaction guaranteed, FREE samples, RUSPRINT, BOX 7507, KANSAS CITY 16, MISSOURI.

CBL'S — 200 printed in 3 colors, lustre-coat stock drawn by our own artist, twenty designs (ten of each) $6.90. Five day service, satisfaction guaranteed. CONSTANTINE PRESS, KCF0005, BLADENSBURG, MD.

QSL'S — Samples 25c (refundable). Quotes on your designs on request. Send stamped, addressed envelope. WILDCAT PRESS, 6707 BECK AVE., NORTH HOLLYWOOD, CALIFORNIA.

CB-QSL CARDS . . . Highest Quality . . . BROWNIE W3CJI/3W1974, 3110C LEHIGH-ALLENTOWN, PA. 24 page cut catalog with samples 25 cents.

CB QSL'S, CALL D-CALS — "The best for less" Custom artwork or stock designs. Fast service. Special — 100 three color glossy cards $3.20. Samples and Free 10 Code Card — 25c "Refunded." DICK STAUFFER, 19QA-0625, 1996 N. M-18, GLADWIN, MICHIGAN.

CB QSL CARDS. Economically priced two and three color cards. Free samples. PAUL'S LITTLE PRINT SHOP, 7701 TISDALE, AUSTIN, TEXAS .

CB QSL CARDS, Quality Work, Fair Prices, Prompt Service. Samples 10c (refundable). HUTCHINS BROTHERS, THORNDIKE, MAINE.

CRYSTAL BANK Send in crystals you no longer use and swap for other channels. All guaranteed — 50c each. ELECTRONIC SERVICE CO., KGH1058, BOX 4545, LINCOLN, NEBRASKA.

CB QSL CARDS. New, kute, klever, komical designs. Some low as $1.80 per 100. Brilliant colors including beautiful Silver and Gold. Samples 10c. HELLWIG, BOX 425, LAKE WALES, FLORIDA.

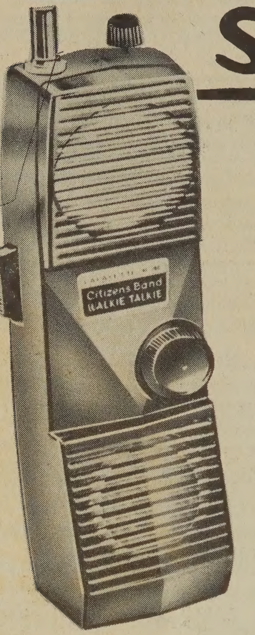
CB QSL CARDS. 2 Color Glossy, 100 for $2.50. Samples Dime. RAMSBOTTOM PRINTING, BOX 237, KIRKSVILLE, MO.

MODULATION BOOSTER — It's new. It's terrific. As much as DOUBLES your transmit and receive range with no violation of FCC power requirements. Compact, easy to install, with instruction. New $14.95. Dealers write: ROKO PRODUCTS, INC., BOX 3766, BALTIMORE 17, MARYLAND.

"The Voice of Sunshine"

'Hap' Perkins, 10Q2889, Dallas, Texas reports on hearing (several times) a station who says he is located in Santiago, Chile (South America) on channel 17. The South American CB'er reportedly speaks perfect English, but will not repeat his address over the air.

LAFAYETTE CB SUPER VALUES



Complete Portable Communication For Everyone

NEW! LAFAYETTE 12 — TRANSISTOR CITIZENS BAND "WALKIE TALKIE" with SQUELCH

- Separate Microphone and Speaker
- Fully Transistorized —12 Transistors
- Completely Wired

HE-100L

39⁹⁵
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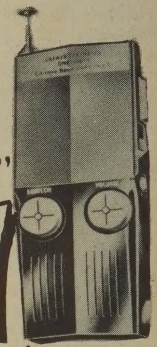

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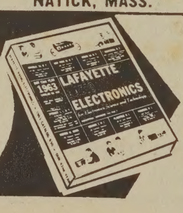

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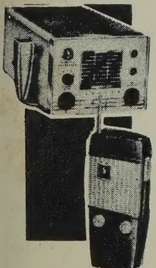

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